



Food Grade Lubricants

Product Guide



A manufacturer of elevators had expressed his displeasure with the lubricant he was using for his products. Its function was acceptable, but the smell was awful.

Since then, we have proceeded a long way and have, during the way, developed our own range of environmentally adapted and food grade lubricants. We have also, together with several international lubricant manufacturers, enthusiastically driven the development of an international standard for food grade lubricants. Starting in the mid 1990s, we finally had the ISO 21469 standard in place in 2008. Our commitment to place the needs of the customer foremost, has placed us where we are today; In the leading position.

Today, we are the major supplier of Food Grade lubricants in all of Scandinavia, with a product range that covers all types of applications.



"To be a small company in a business branch with titans, has a very positive effect on us. We have become a better alternative for the customer with our spear-point competence, responsibility, flexibility and availability. We are always at the disposal for consultations and we never reject a customer's problem, either if it is small or gigantic."

Hans Jönsson, CEO of Cargo Oil AB



Caxtreme FG

FOOD GRADE LUBRICATING GREASE FOR EXTREME CONDITIONS

Caxtreme FG is a food grade lubricating grease with excellent adhesion and based on synthetic oils. The grease is exceptionally water resistant, suitable for a wide range of applications, endures heavy workloads and high temperatures. Resistant against solvents, acids, etc. Mechanically stable and does not turn rancid. The synthetic base oil is developed to fulfil the high demands of purity/cleanliness and differing/varying temperatures. Caxtreme FG endures high pressures and constant flushing by water without losing its lubricating properties. Perfect for chains, guides, etc.

Caxtreme FG 45 is developed for use in low temperature applications as well as where high speed is encountered. Caxtreme FG 150 is for general lubrication of bearings, chains, guides and bushings. Caxtreme FG 400 can be used where a higher base oil viscosity is desirable, e.g. in pellet mills.

Characteristics

Waterproof
Endures heavy workloads
Powerful adhesion
Wide range of uses

Applications

Rolling bearings
Chassis
Bushings
Food processing industry,
etc.

Technical data

NLGI grade		2	2	2
		Caxtreme FG 45	Caxtreme FG 150	Caxtreme FG 400
Colour		Beige/Brown	Beige/Brown	Beige/Brown
Base oil		Synthetic	Synthetic	Synthetic
Base oil viscosity at 40°C mm ² /s	ISO 3104	45	150	400
Thickener		Calcium sulfonate complex	Calcium sulfonate complex	Calcium sulfonate complex
Dropping Point, °C	ISO 2176	>250	>250	>250
4-ball, EP test, weld load, N	DIN 51350:4	3200	4200	4600
Application temperature range °C		-40 to >260°C	-35 to >260°C	-35 to >260°C
Product code		1260	1230	1250

The products are H1 registered: 2Probiy BA2020042,
Ins No. 1795853

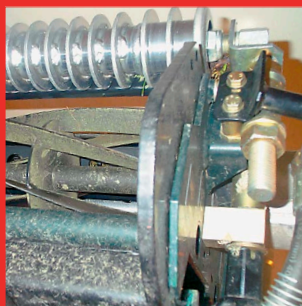
SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 180 kg drum
- 50 kg drum
- 18 kg pail
- 400 g cartridge
- 400 g LubeShuttle® cartridge





Caxtreme FG – Fluid Greases

FOOD GRADE LUBRICATING GREASE FOR EXTREME CONDITIONS

Caxtreme FG 150-0 and 150-00 are intended for applications where a weaker consistency is required, i.e. in central lubrication systems, gear boxes, etc.

Characteristics

Waterproof
Endures heavy workloads
Powerful adhesion

Applications

Centralized lubrication systems
Gear boxes (grease lubricated)
Chains
Guides
etc.

Technical data

NLGI grade		0	00	000
		Caxtreme FG 150-0	Caxtreme FG 150-00	Caxtreme FG-150-000
Colour		Beige/Brown	Beige/Brown	Beige/Brown
Base oil		Synthetic	Synthetic	Synthetic
Base oil viscosity at 40°C mm ² /s	ISO 3104	150	150	150
Thickener		Calcium sulfonate complex	Calcium sulfonate complex	Calcium sulfonate complex
Dropping Point, °C	ISO 2176	>250	>250	>200
4-ball, EP test, weld load, N	DIN 51350:4	3800	3000	2800
Application temperature range °C		-40 to >230°C	-40 to >200°C	-40 to >200°C
Product code		1231	1232	1233

The products are H1 registered: 2Probitry BA2020042, Ins No. 1795853

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 180 kg drum
- 50 kg drum
- 18 kg pail
- 400 g cartridge
- 400 g LubeShuttle® cartridge





White Grease

WHITE WATERPROOF GREASE

White Grease is an exceptionally waterproof food grade grease, manufactured and developed mainly for all lubrication in food-processing plants, etc. The grease is developed for use in a wide range of applications, endures medium heavy loads and have a very good mechanical stability. High durability against solvents and acids – does not go rancid. White Grease is suitable for all kinds of grease-lubrication; ball bearings, bushings, joints, chucks. etc.

Characteristics

Waterproof
Wide working temperature range
Food grade lubricant

Applications

Food processing industry
Bearings
Bushings
Joints
etc.

Technical data

NLGI grade		2
Colour		White
Base oil		Paraffinic
Base oil viscosity at 40°C, mm ² /s	ISO 3104	180
Thickener		Calcium
Drop point, °C	ISO 2176	>145
Application temperature range, °C		-20 - +110
4-ball, EP test, weld load, N	DIN 51350:4	>2400
Product code		1080

The product is H1 registered: 2Probiity AK1220013, NSF No. 136447, InS No. 1794483

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

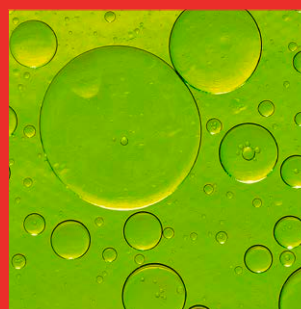
Standard packages

- 180 kg drum
- 50 kg drum
- 18 kg pail
- 400 g cartridge
- 400 g LubeShuttle® cartridge
- 250 ml tube

Also available in 400 ml aerosol, see page 36.



Nonfood Compounds
Program listed (H1)
Registration # 136447



Open Grease FG

FOOD GRADE OPEN GEAR GREASE

Open Grease is a food grade grease developed for lubrication of open gears and other high load applications. The product is thixotropic and will revert to its original consistency when shear forces cease. Most suitable for applications in contact with chemically treated water, steam, heat, in food and beverage processes. Open Grease FG is very water resistant and presents very good corrosion prevention. Open Grease FG has excellent adhesion properties. May also be used for lubrication of bearings at low to medium speed, where high base oil viscosity is desired.

Characteristics

Water resistant
High loads capability
Very high adhesion
Thixotropic

Applications

Open Gear
Chains
Hydrostatic cookers
Rolling bearings at low speed rotation
Sliding surfaces
Preservation industry
Beverage processes
etc.

Technical data

NLGI grade		2
Colour		White to offwhite
Base oil type		Semi synthetic
Base oil viscosity at 40°C, mm ² /s	ISO 3104	1100
Thickener		Aluminium complex
Dropping point, °C	ISO 2176	>250
Application temperature range, °C		-5 to +140
4-ball, EP test, weld load, N	DIN 51350:4	>5000
Product code		1075

The product is H1 registered: 2Probiity BA2320045, InS No. 1794780

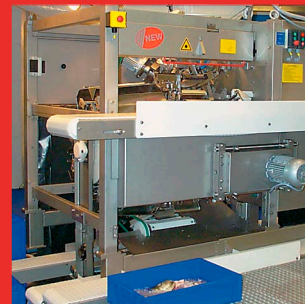
SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 180 kg drum
- 50 kg drum
- 18 kg pail
- 400 g standard cartridge
- 400 g LubeShuttle® cartridge





White Seize

FOOD GRADE ANTI-SEIZE WITH PTFE

White Seize is a fully synthetic lubricant paste suitable for a wide application temperature range and authorised for incidental food contact. The incorporated lamellar solid additives, including the polytetrafluoro ethylene polymer, will give a protective barrier between all types of surfaces and provide an excellent dry lubrication when required. Withstands warm, cold and saline water. The paste is very economical to use, since rather small quantities will provide effective coverage and sealing of the surfaces. Excellent for use where fretting corrosion or corrosion due to humid environments is a problem in the application. May be used as a thread compound (anti-seize compound) in areas where food is manufactured and handled.

Characteristics

Water resistant
Very good adhesion
Resistance to acids and alkalines
Low evaporation rate

Applications

Threads and joints
Bearing lubrication
Extreme environments
Contact with salt water
Contact with steam
etc.

Technical data

NLGI grade	2	
Colour	White	
Base oil type	Synthetic	
Thickener type	Aluminium complex/PTFE	
Density, kg/m³	ca 1000	
Flash Point, COC (base oil), °C	ISO 2592	>235
Dropping Point, °C	ISO 2176	N.A.
Application temperature range, joints, °C	-50 to +300	
Application temperature range, bearings, °C	-30 to +300	
Product code	1163	

The product is H1 registered: 2Probity BA2320046, InS 1795418

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 4 kg can
- 1 kg can
- 500 g can
- 400 g cartridge
- 400 g LubeShuttle® cartridge
- 250 g can with brush
- 250 ml tube





Cargo Fluor

FLUORINATED GREASE FOR EXTREME ENVIRONMENTS

Cargo Fluor is a grease based on a special grade PTFE as thickener, with an extreme thermal and mechanical stability. The grease is chemically stable against all chemicals with very few exceptions and endures contact with acids, steam, high temperatures, oxygen, inert gases, radioactive surroundings, etc. Cargo Fluor is to be considered as an extremely long-life lubricant suitable for lifelong lubrication without surveillance. It is suitable for ball bearings, roller bearings, bushings, chains and applications involving vacuum or oxygen. The product is BAM-tested.

Characteristics

Waterproof
Endures extreme environments
Thermally stable
Food grade product
BAM-tested

Applications

Extreme applications
Long-time lubrication
Vacuum/oxygen-applications
Bearings
etc.

Technical data

NLGI grade		2	0
Colour		White	White
Base oil		Fluorinated oil	Fluorinated oil
Base oil viscosity at 40°C, mm ² /s	ISO 3104	500	500
Thickener		PTFE	PTFE
Base oil density, kg/m ³		1910	1910
Flash Point, COC (base oil)	ISO 2592	>310	>310
Application temperature range, °C		-20 to +250 (280)	-20 to +250 (280)
Oil separation, %	IP-121	0	<0,2
Product code		1180	1181

The products are H1 registered: 2Probability AK1220002, NSF 136900, InS 1794468

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 1 kg can
- 800 g cartridge
- 500 g can
- 100 g can
- 250 ml tube



Nonfood Compounds
Program listed (H1)
Registration # 136900



Bomfett

TRANSPARENT BOOM LUBRICANT

Bomfett is a transparent, water resistant lubricant for crane booms and other sliding surfaces. The grease will easily be distributed for full coverage of the surfaces of crane booms, guides and other sliding surfaces, forming a strong, shear-stable and water resistant film. The product has a very high adhesion to most types of surfaces and will not drip, even under extreme conditions. Bomfett is developed to withstand high loads and shear forces.

Bomfett is preferably stored indoors at ambient temperature.
Can be applied by brush, roller or spray.

Characteristics

Transparent
Resistant to water
Good adhesion
Withstands high loads
Wide application temperature range
Easy to apply

Applications

Crane booms
Guides
Sliding surfaces
etc.

Technical data

Colour		Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	320
Thickener		Polymer
Base oil		Paraffinic/Synthetic
Application temperature range, °C		-25 to +190
Product code		1280

The product is H1 registered: 2Probiity AK1320016, NSF. 139635, InS 1794464

SDS – Safety Data Sheet

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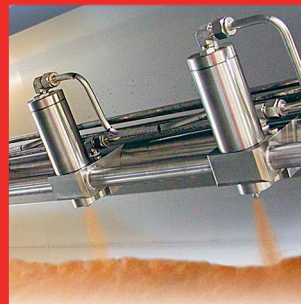
Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 5 litre can

Also available as 400 ml aerosol (with addition of PTFE), see page 44.



Nonfood Compounds
Program listed (H1)
Registration # 139635139635



Bomfett Arctic

TRANSPARENT BOOM LUBRICANT

Bomfett Arctic is a transparent, water resistant lubricant for crane booms and other sliding surfaces. The grease will easily be distributed for full coverage of the surfaces of crane booms, guides and other sliding surfaces, forming a strong, shear-stable and water resistant film. The product has a very high adhesion to most types of surfaces and will not drip, even under extreme conditions. Bomfett Arctic is developed to withstand high loads and shear forces.

Characteristics

Transparent
Resistant to water
Good adhesion
Withstands high loads
Wide application temperature range
Easy to apply

Applications

Crane booms
Guides
Sliding surfaces
etc.

Technical data

Colour		Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	220
Thickener		PIB
Base oil		Paraffinic/Synthetic
Application temperature range, °C		-35 to +190
Product code		1285

The product is H1 registered: 2Probit AK1320018, NSF 139635, InS 1794469

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 5 litre can



Nonfood Compounds
Program listed (H1)
Registration # 127296



Clear Grease

TRANSPARENT SYNTHETIC LUBRICATING GREASE WITH PTFE

Clear Grease is based on synthetic oils and PTFE. Clear Grease will fulfil all severe specifications from bearing manufacturers, industrial applications and vehicle producers. Very suitable for use where long service life is required and desired. The specific rheological properties of the lubricant will give very good flow properties of the grease at extremely low temperatures, at the same time the higher film strength and thickness will guarantee lubrication also at elevated temperatures. The type of PTFE used will adhere strongly to all surfaces lubricated and give a very low friction coefficient. Cargo Clear Grease is water resistant, withstands oxidation, have very good mechanical stability, is completely non-toxic and provide a very wide application temperature range. The product is available in several consistencies and package types.

Characteristics

Food grade grease
Excellent adhesion
Very wide application temp. range
Mechanically stable
Good flow properties at low temperatures.

Applications

Food industry
Tobacco industry
Pharmaceutical industry
Elevator screws
Vehicles
High temperatur applications
etc.

Technical data

NLGI grade		2	0	00
		Clear Grease 2	Clear Grease 0	Clear Grease 00
Colour		Translucent white	Translucent white	Translucent white
Base oil type		Synthetic	Synthetic	Synthetic
Viscosity, mm ² /s, 40°C	ISO 3104	80	80	80
Viscosity, mm ² /s, 100°C		22.7	22.7	22.7
Dropping Point, °C	ISO 2176	>250	>250	>250
Flash point, °C	ISO 2592	>220	>220	>220
Application temperature range °C		-40 to >260°C	-45 to >240°C	-48 to >220°C
Product code		1220	1221	1222

The products are H1 registered: 2Probiy nr AK1320020, Ins No. 1796475

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 180 kg drum
- 50 kg drum
- 18 kg pail
- 400 g cartridge (Except Clear Grease 00)
- 400 g LubeShuttle® cartridge (Except Clear Grease 00)
- 250 g ml tube
- *ClearGrease 00 also available in 20 lit Bag-in-Box*

Also available in 400 ml aerosol, see page 48.





FG Silicone Grease

WATERPROOF SILICONE GREASE

FG Silicone Grease is very resistant to water wash-off and has excellent dielectric properties, combined with good lubrication. Can be used for a large number of applications. The product is developed to withstand high temperatures and is more resistant towards organic solvents than more conventional types of lubricating greases. The product is taste- and odourless. The superior shear stability over a large range of temperatures in combination with its very good compatibility with polymers and rubbers makes it the first choice for lubrication of seals and gaskets, as an insulating film in electrical components and a lubricant in severe environments. May also be used as a release agent in applications where elevated temperatures occur. Will not corrode aluminium or white metal alloys.

Characteristics

Excellent water resistance
Wide application temperature range
Food grade lubricant
Compatible with polymers and rubbers

Applications

Food processing industry
Electrical industrial applications
High temperature applications
Form release agent
etc.

Technical data

NLGI grade	2	
Colour	White	
Base oil	Synthetic	
Base oil viscosity at 40°C, mm ² /s	ISO 3104	350
Dropping point, °C	ISO 2176	N/A
Oil evaporation, 100°C, 24 h, %	IP 121	<1
Product code	1020	

The product is H1 registered: 2Probity AK1920027, InS 1795952

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 50 kg drum
- 18 kg pail
- 400 g cartridge
- 400 g LubeShuttle® cartridge
- 250 ml tube





ElectroLuber™

PROGRAMMABLE LUBRICANT APPLICATOR

The ElectroLuber™ uses an electrochemical reactor cell which converts electrical energy into safe, inert nitrogen gas. The gas is trapped in a hermetically sealed bellows type gas chamber. The piston then forces the lubricant out of the cylinder and into the point of lubrication. The unit can be emptied between 15 days to 1 year, depending on the setting of the simple user-programmable DIP switch. The selection can be changed or turned off at any time.

Electrolube programmable lubricant applicators facilitate lubrication where the lubrication points are awkwardly placed or where continuous lubrication is required. The applicators are dust- and waterproof (10 m depth) and can be used in severe surrounding environments. When exposed to high pressure water jet, a separate cover should be used.

MINI LUBER, 125 ml

Technical data	
Volume, cm ³	125
Emptying time, months	0,5, 1, 2, 3, 6, 12
Working temperature range, °C	blue ring -40 to +55
White ring	-20 to + 55
Connection thread size	R ¼"
Power supply	2x1,5 V
Weight, g	370
Pressure, bar	0,2-3
Battery capacity, mAh	2000
Yearly battery consumption, mAh	285
Height, mm	143
Diameter, mm	79
Product code	TC70000-TC70023

JUMBO LUBER, 460 ml

Technical data	
Volume, cm ³	460
Emptying time, months	1, 2, 3, 6, 12
Working temperature range, °C	blue ring -40 to +55
White ring	-20 to + 55
Connection thread size	R ½"
Power supply	4x1,5 V
Weight, g	1000
Pressure, bar	0,2-3
Battery capacity, mAh	ca 4000
Yearly battery consumption, mAh	800
Height, mm	171
Diameter, mm	121
Product code	TC70080-TC70117

ACCESSORIES:

Adapters, quick couplings, bushings, fastenings, sleeves, brushes, etc.



Grease handling – Grease guns – LubeShuttle®

The LubeShuttle® Grease guns are perfect for grease handling where the risks of contamination and spill must be avoided. The screw connection will effectively eliminate leakage and overflow of grease inside the steel tube. The special design of the cartridge piston will give a complete emptying of the cartridge, with no residuals. Easy to change cartridge and type of lubricant.

Advantages are:

- Tool free cartridge opening
- Fast and clean loading and unloading, without any need to open gun.
- Type and remaining quantity may be seen at a glance
- Optimum use of all grease in cartridge
- Environmentally adapted
- No air release necessary

Instructions:

(Optional: Unscrew steel barrel). Unscrew cap on cartridge and press with a finger on the piston so a small hill of grease forms in the opening. Maintain a light pressure on the piston while screwing the cartridge into pump head connection. (If the steel barrel was removed earlier, fasten it again). Assemble the hose and coupler. Pump until grease will flow out. If no grease appears after a few strokes, repeat the assembling of the cartridge and make sure no air is entrapped in the connection at the pump.

Side Lever Grease Gun for LubeShuttle® cartridges

High quality zinc plated steel barrel and ergonomic hand grip. Working pressure over 400 bar/5,800 psi, maximum pressure capability 800 bar/11,600 psi approx. TÜV, DLG, BLT approved.

300 mm High Pressure Nylon hose PH-30C, multiple braid, burst pressure 1000 bar/14,450 psi. Ø 9 mm and 4 jaw hydraulic coupler.

Product code: TF10040

Pistol Grip 1-hand Grease Gun for LubeShuttle® cartridges

High quality zinc plated steel barrel and ergonomic designed pistol grip. Working pressure ca 300 bar/4,350 psi 300 mm High Pressure Nylon hose PH-30C, multiple braid, burst pressure 1000 bar/14,450 psi. Ø 9 mm and 4 jaw hydraulic coupler.

Product code: TF10041

Air Operated Grease Gun DF-LS

One hand air operated grease gun for LubeShuttle® cartridges. Designed for greases up to NLGI grade 3. Single shot system with output of 1 cc per stroke. Pressure ratio 1:60, max. pressure 480 bar/6,950 psi. Air pressure 3 to 8 bar.

High pressure rubber hose RH-30C R1/8", with coupler.

Product code: TF10045

AccuLuber 14.4-LS – Battery operated grease gun

Very robust battery operated grease gun for LubeShuttle® cartridges. Powerful DC motor drive, with planetary gearbox and reciprocating piston gives up to 400 bars of grease pressure. Maximum pressure is limited by a built-in, safety valve. Delivered with one 14.4 V NiCd battery, 1,500 mAh. Delivers approx. 100 cc per minute. Electronically controlled fast charger (1 h charge time). High pressure rubber hose 750 mm (burst pressure 1,650 bar) with 4 jaws hydraulic coupler. Complete kit in plastic carrying case with space for spare battery and cartridge.

Product code: TF20070

AccuLuber 14,4 V-LS Li Ion (3000mAh) , same as above but extended battery time.

Product code: TF20075



Pneumatic grease pump kit

GREASE HANDLING

Our complete grease handling equipments facilitate maintenance and lubrication of machines, vehicles, etc. Delivered in kits with all necessary accessories. Trolley for the drum/pail is optional.

FOR 18-20 KG STEEL PAIL

Complete grease handling equipment for 18 kg pails. The kit contains;
a pneumatic grease pump (50:1)
3 meters of hose
Cover, following plate, swivel, grease pistol with 4 jaw hydraulic coupling.
Maximum pressure: 400 bar

Information, grease pump:
Air pressure: Min 4/max 8 bar
Air consumption: 150 l/min at 8 bar
Capacity appr. 0,7 kg/min
Product code TF50010



FOR 50 KG DRUM

Complete grease handling equipment for 50 kg drums (1/4 drums). The kit contains;
a pneumatic grease drum pump (50:1)
3 meters of hose
Cover, following plate, swivel, grease pistol with 4 jaw hydraulic coupling.
Maximum pressure: 400 bar

Information, grease pump:
Air pressure: Min 4/max 8 bar
Air consumption: 150 l/min at 8 bar
Capacity: appr. 0,7 kg/min
Product code TF50050



FÖR 180 KG DRUM

Complete grease handling equipment for 180 kg drums (1/1 drums). The kit contains;
a pneumatic grease drum pump (50:1)
3 meters of hose
Cover, following plate, swivel, grease pistol with 4 jaw hydraulic coupling.
Maximum pressure: 400 bar

Information, grease pump:
Air pressure: Min 4/max 8 bar
Air consumption: 150 l/min at 8 bar
Capacity: appr. 0,7 kg/min
Product code TF50181



TROLLEYS

Trolley for grease handling equipments above.

For 18 kg pail: Product code TF50021
For 50 kg drum: Product code TF50051
For 180 kg drum: Product code TF50181

SPARE COVERS AND FOLLOWER PLATES

For 18 kg pails: Following plate Product code TF50022, Cover Product code TF50023
For 50 kg drums: Following plate Product code TF50052, Cover Product code TF50053
For 180 kg drums: Following plate Product code TF50182, Cover Product code TF50183



Bakers Master

FOOD GRADE HIGH TEMPERATURE CHAIN OIL

Bakers Master is based on ultrafine synthetic graphite dispersed in water. Contains additives for stabilizing the dispersion and for effective wetting. For chain and sliding bearings operating at temperatures above 100 °C. To be applied by brush, swab or by spray. May be diluted up to three times its own weight with deionized water for automatic spray applicators. Penetrates rapidly. Dry film resist high loads and temperatures.

Characteristics

Food grade quality
Will not form fumes or smoke

Applications

Bakery oven chains
Sliding surfaces
High temperature applications

Technical data

Colour	Black
Density, kg/m ³	1,1
Graphite amount %	15
Graphite, purity %	>98
pH	>9
Working temperature range, °C	+5 °C to 600 °C
Product code	2325

The product is H1 registered: 2Probiity nr AK2720035, InS Nr. 1814314

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 20 litre pail
- 5 litre can



Nonfood Compounds
Program listed (H1)
Registration # 0000000



Mammut Oil

CONFECTIONERY/FOOD GRADE OIL

Mammut Oil is a food grade lubricant developed in Sweden for the Scandinavian confectionery and food processing industry. The product is, among other things, used as a release agent and sugar dissolver. Mammut Oil is a fully synthetic food grade oil with a very high lubricating ability. Mammut Oil keeps the sugar or salt in solution without risks of separation or crystallisation. Easy to rinse with water and leaves a very good protection against corrosion.

Characteristics	Applications
Non-toxic	Confectionery industry
Wide range of applications	Food processing industry
Not sensitive to light	Sugar dissolver
Sugar and salt dissolving	Release agent
Endures high temperatures	Mixers
Does not go rancid	Conveyors, moulds
	etc.

Technical data

Colour	Transparent	
Viscosity at 40°C, mm²/s	ISO 3104	3-5
Product code	2130-25	

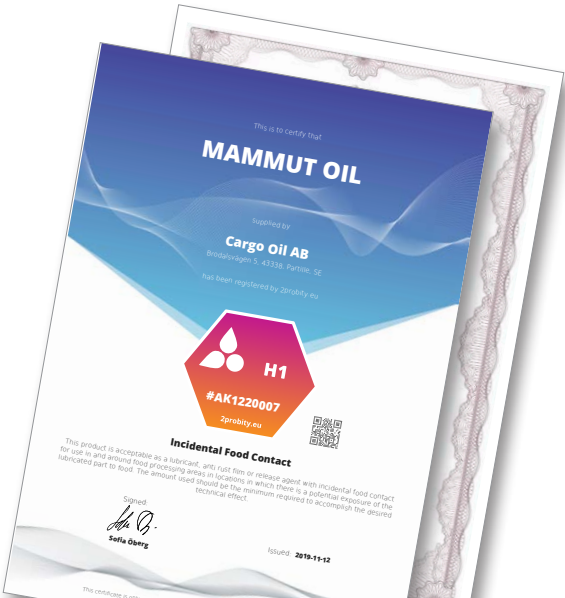
The product is H1 registered: 2Probiity AK1220007, NSF. 135301, InS 1794475

SDS – Safety Data Sheet

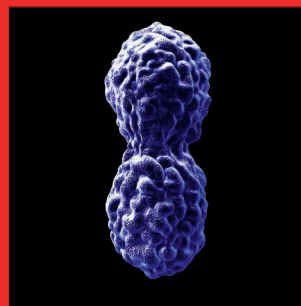
Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 1000 litre IBC
- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box
- 1 litre can



Nonfood Compounds
Program listed (H1)
Registration # 135301



Gejd Guard

GUIDE & JIB LUBRICANT

Gejd Guard is developed for lubrication of guides and sliding surfaces. The oil is based/composed of transparent, highly refined paraffinic oils. Gejd Guard endures high temperatures without wearing thin or becoming diluted, is odour-free with very high adhesive properties ensuring that the oil stays in place and does not splash or run off the surface. The product is engineered to endure heavy workloads and vibrations and is also extremely stable against shearing. Gejd Guard does not blend with cutting fluids or water. Available in several different viscosities which gives Gejd Guard a broad range of uses in industrial applications.

Characteristics

Wide range of uses
Endures heavy workloads
Wide working temperature range
Water-proof
Food grade product

Applications

Guide slides
Crane jibs
Sliding surfaces
Mechanical industry
Central lubrication
etc.

Technical data

ISO	46	68	100	150	185	220
Colour	Transparent					
Viscosity at 40°C, mm ² /s*	46	68	100	150	185	220
Viscosity at 100°C, mm ² /s*	6,8	8,8	11,5	15,2	17,3	19,4
Viscosity Index	102	102	102	102	100	100
Flash Point, °C	>180	>180	>190	>210	>220	>220
Product code	2010-46	2010-68	2010-100	2010-150	2010-185	2010-220

*ISO 3104

The products are H1 registered: 2Probiy AK1220005, NSF 127297, InS 1794473

SDS - Safety Data Sheet

Availalable from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box



Nonfood Compounds
Program listed (H1)
Registration # 127297



Hydro Miljö

FOOD GRADE HYDRAULIC OIL

Hydro Miljö is based on highly refined paraffinic oils of pharmaceutical grade, making the oil tasteless and odourless. The product is not aggressive to hoses, seals or gaskets, giving an elongated lifetime to both the oil and the machine. Hydro Miljö is completely resistant to foaming and has an excellent air release ability. The product is developed to withstand large variations in temperatures, has excellent water resistance and give good protection and prevention of corrosion. The product is tested and pass the criteria in wear test IP 281/280.

Characteristics

Environmentally adapted
Food grade quality
Wide application range

Applications

Hydraulic systems
Food Industry
Automotive Industry
etc.

Technical data

ISO grade		22	32	46	68
Colour		Transparent	Transparent	Transparent	Transparent
Viscosity at -20°C, mm ² /s	ISO 3104	1212	2741	5860	10464
Viscosity at 40°C, mm ² /s	ISO 3104	22	32	46	68
Viscosity at 100°C, mm ² /s	ISO 3104	4.19	5.20	6.44	8.49
Viscosity Index	ISO 2909	86	88	85	94
Pour Point, °C	ISO 3016	-37	-30	-24	-20
Flash Point, °C	ISO 2592	+164	+174	+178	+216
Filter factor 1.2 µm	ISO 13357	104	104	104	104
Product code		2020-22	2020-32	2020-46	2020-68

The products are H1 registered: 2Probitry AK1220006, NSF 136093, InS 1794474

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 1000 litre IBC
- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box



Nonfood Compounds
Program listed (H1)
Registration # 136093



Hydro Miljö PAO

FOOD GRADE SYNTHETIC HYDRAULIC OIL

Hydro Miljö PAO is based on synthetic oils, making the oil tasteless and odourless. The product is not aggressive to hoses, seals or gaskets, giving an elongated lifetime to both the oil and the machine. Hydro Miljö is completely resistant to foaming and has an excellent air release ability. The product is developed to withstand large variations in temperatures, has excellent water resistance and give good protection and prevention of corrosion.

Characteristics

Environmentally adapted
Food grade quality
Wide application range

Applications

Hydraulic systems
Freezing house
Food Industry
Automotive Industry
etc.

Technical data

ISO grade		32	46	68
Colour		Transparent	Transparent	Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	32	46	68
Viscosity at 100°C, mm ² /s	ISO 3104	6.17	7.96	10.63
Viscosity Index	ISO 2909	>140	>140	>140
Pour Point, °C	ISO 3016	-64	-57	-49
Flash Point, °C	ISO 2592	>180	>180	>180
Product code	2021-32	2021-46	2021-68	

The products are H1 registered: 2Probitry AK1920029, NSF 136093, InS 1796319

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





Machine Oil FG Low

MACHINE OIL FG

Machine Oil FG Low is composed of food grade lubricating oils with ash-less and zinc-free additives. Machine Oil FG Low is developed for a wide application range within the industry, especially food processing industry. The product is odourless and will not generate fumes. Machine Oil FG Low will not cause foaming or in other way entrap air in hydraulic systems. Machine Oil FG Low contains highly refined mineral base oils and synthetic oils in a mixture providing good to excellent lubrication over a large temperature and speed range. The noise level of machineries may be reduced by use of this product. The product is available in several viscosities.

Characteristics	Applications
Zinc-free and ashless	Central lubricating systems
Wide application range	Gear lubrication
Odorless	Hydraulic systems
Will not cause foaming	Compressors
	Bearings
	Stamping
	etc

Technical data

ISO grade		15	22	32	46
Viscosity at 40°C, mm²/s	ISO 3104	15	22	32	46
Viscosity at 100°C, mm²/s	ISO 3104	3.42	4.31	5.47	6.94
Viscosity Index	ISO 2909	101	101	106	107
Pour Point, °C	ISO 3016	<-30	<-30	<-30	<-25
Flash Point, °C	ISO 2592	>180	>180	>200	>200
Product code		2092-15	2092-22	2092-32	2092-46

Test results

Copper corrosion	1b
Vickers pump test	Approved
F Z G test	>12
4-ball test, weld	2600 N
Filterability, 1.2 µm	>70
Density	780-870 kg/m³
Colour	Transparent/yellowish

The products are H1 registered: 2Probit AL0520039, ,
InS1794756

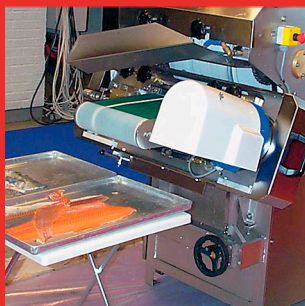
SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





Machine Oil FG Medium

MACHINE OIL FG

Machine Oil FG Medium is composed of food grade lubricating oils with ash-less and zinc-free additives. Machine Oil FG Medium is developed for a wide application range within the industry, especially food processing industry. The product is odourless and will not generate fumes. Machine Oil FG Medium will not cause foaming or in other way entrap air in hydraulic systems. Machine Oil FG Medium contains synthetic base oils providing good to excellent lubrication over a large temperature and speed range. The noise level of machineries may be reduced by use of this product. The product is available in several viscosities.

Characteristics

Zinc-free and ashless
Wide application range
Odorless
Will not cause foaming

Applications

Central lubricating systems
Gear lubrication
Hydraulic systems
Compressors
Bearings
Stamping
etc

Technical data

ISO grade		68	100	150
Viscosity at 40°C, mm ² /s	ISO 3104	68	100	150
Viscosity at 100°C, mm ² /s	ISO 3104	8.93	11.68	15.63
Viscosity Index	ISO 2909	105	105	107
Pour Point °C	ISO 3016	-22	-17	-13
Flash Point °C	ISO 2592	>220	>220	>220
Product code		2092-68	2092-100	2092-150

Test results

Copper corrosion	1b
Vickers pump test	Approved
F Z G test	>12
4-ball test, weld	2800 N
Filterability, 1.2 µm	>70
Density	810-890 kg/m ³
Colour	Transparent/yellowish

The products are H1 registered: 2Probitry AL0520038, InS. 1794757

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre Bag-in-Box
- 5 litre can





Machine Oil FG High

MACHINE OIL FG

Machine Oil FG High is composed of food grade lubricating oils with ash-less and zinc-free additives. Machine Oil FG High is developed for a wide application range within the industry, especially food processing industry. The product is odourless and will not generate fumes. Machine Oil FG High contains synthetic base oils providing good to excellent lubrication over a large temperature and speed range. The noise level of machineries may be reduced by use of this product. The product is available in several viscosities.

Characteristics

Zinc-free and ashless
Wide application range
Odorless
Will not cause foaming

Applications

Central lubricating systems
Gear lubrication
Hydraulic systems
Compressors
Bearings
Stamping
etc.

Technical data

ISO grade		220	320	460	680
Viscosity at 40°C, mm²/s	ISO 3104	220	320	460	680
Viscosity at 100°C, mm²/s	ISO 3104	22.1	30.7	42.5	56,7
Viscosity Index	ISO 2909	122	124	144	46
Pour Point, °C	ISO 3016	-10	-7	-3	0
Flash Point, °C	ISO 2592	>220	>220	>220	>220
Product code		2092-220	2092-320	2092-460	2092-680

Test results

Copper corrosion	1b
Vickers pump test	Approved
F Z G test	>12
4-ball test, weld	2800 N
Density	790-890 kg/m³
Colour	Transparent/yellowish

The products are H1 registered: 2Probiity AL0520037, InS 1794758

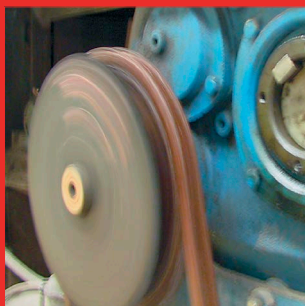
SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





HTPA Chain Oil

HIGH TEMPERATURE CHAIN OIL

HTPA is developed to meet the harsh requirements for lubrication of oven chains and sliding surfaces in high temperature applications. The HTPA chain oil is very adhesive and can withstand flushing water and moisture, giving an excellent protection against wear and corrosion. May be used at elevated temperatures without the formation of fumes or smoke. The fully synthetic composition will ensure a long service life time and excellent lubrication properties. May be applied to chains with manual or automatic brushing.

Characteristics

Wide working-temperature range
Waterproof
Food grade quality
Will not form fumes or smoke

Applications

Oven chains
Sliding surfaces
High temperature applications

Technical data

ISO grade		220
Colour		Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	220
Viscosity at 100°C, mm ² /s	ISO 3104	25.2
Viscosity Index	ISO 2909	>140
Flash Point, °C	ISO 2592	>270
NOACK Volatility Test (250°C), %	ASTM D-5800	1,2
Product code		2323-220

The product is H1 registered: InS 1796093

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





White Oil

FOOD GRADE UNIVERSAL OIL

White Oil is a transparent, food grade lubricating oil based on highly refined paraffinic oils. The oil is developed for food processing industries and applications where the demands for purity/cleanness and hygiene are high. White Oil has a broad range of uses and is taste- and odourless. A few examples of different applications: bearings, hydraulic systems, transmissions (which do not require an EP-lubricant), compressors, pumps etc.

Characteristics	Applications
Food grade product	Bearings
Wide range of uses	Chains
Odourless	Valves
Tasteless	Pumps
	Transmissions
	etc.

Technical data

ISO grade		15	32	46	68
Colour		Transparent	Transparent	Transparent	Transparent
Viscosity at 40°C mm ² /s	ISO 3104	15	32	46	70,9
Viscosity at 100°C mm ² /s	ISO 3104	3.45	5.1	6.3	8.9
Viscosity Index	ISO 2909	105	95	95	95
Pour Point °C	ISO 3016	-36	-30	-36	-19
Flash Point °C	ISO 2592	195	216	178	269
Product code		2120-15	2120-32	2120-46	2120-68

The products are H1 registered: 2Probiity AK1220014, NSF 130636, InS 1794485

SDS – Safety Data Sheet

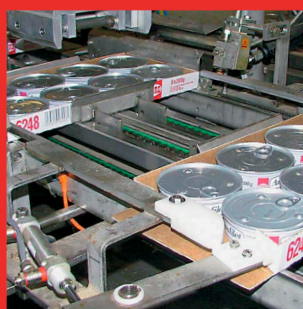
Order from www.cargo-oil.se or contact us by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box



Nonfood Compounds
Program listed (H1)
Registration # 130636



White Gear

FOOD GRADE TRANSMISSION OIL

White Gear is a semi-synthetic, highly adhesive transmission oil developed and adapted for the food-processing industry and other applications where a high level of purity is demanded. The oil is "self-climbing" and waterproof, which ensures a high level of lubrication and also the possibility to easily drain out water/condensation water from the transmission. White Gear has a wide working temperature range and fulfils all criteria demanded for use in most transmissions.

Characteristics

Wide working-temperature range
Waterproof
Food grade quality
Self-climbing

Applications

Food processing industry
Fish processing plants
Transmissions
etc.

Technical data

ISO grade		150	220	320
Colour		Transparent	Transparent	Transparent
Viscosity at 40°C mm ² /s	ISO 3104	150	220	320
Viscosity at 100°C mm ² /s	ISO 3104	19	26.23	32.50
Viscosity Index	ISO 2909	135	152	142
Flash Point °C	ISO 2592	285	285	285
Product code		2270-150	2270-220	2270-320

The products are H1 registered: 2Probiity AK1220015, NSF 135300, InS 1794482

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box



Nonfood Compounds
Program listed (H1)
Registration # 135300



FG Compressor Oil HT

FOOD GRADE SYNTHETIC COMPRESSOR OIL

FG Compressor Oil HT is based on severely refined synthetic oils, providing excellent corrosion protection and shear stability. The oil is intended for use in mobile and stationary piston, screw and lamellar compressors. The product is developed to give low consumption and long service intervals. FG Compressor Oil HT is available in three different viscosity grades, suitable for most types of compressors. FG Compressor Oil HT is gentle to all seals and gaskets, provides an excellent wear resistance and has good filterability. FG Compressor Oil HT is food grade authorised and will not produce fumes, smoke or odours which may contaminate or damage food stuff in immediate contact or in the surrounding neighbourhood.

Characteristics

Oxidation resistant
Good shear stability
Low oil consumption
Non-aggressive to seals or gaskets
Food grade (H1)

Applications

Food industry
Pharmaceutical industry
Mobile compressors
Stationary compressors
Piston, screw, lamellar compressors etc.

Technical data

ISO grade		46	68	100	150
Colour		Transparent	Transparent	Transparent	Transparent
Viscosity at 40°C, mm²/s	ISO 3104	46	68	100	150
Viscosity at 100°C, mm²/s	ISO 3104	7.4	10.15	13.3	18.1
Viscosity Index	ISO 2909	>125	>125	>125	>125
Pour Point, °C	ISO 3016	-30	-25	-20	-20
Flash Point, °C	ISO 2592	>220	>220	>220	>220
Copper corrosion	ISO 2160	1a	1a	1a	1a
Application temp. range, °C		-30 to +180	-25 to +180	-20 to +180	-20 to +180
Product code		2630-46	2630-68	2630-100	2630-150

The products are H1 registered: 2Probiy BA1720040, InS 1796699

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





FG Synthetic Compressor Oil

FOOD GRADE SYNTHETIC COMPRESSOR OIL

FG Synthetic Compressor Oil is based on synthetic PAO oils, providing an unsurpassed corrosion protection and excellent shear stability. The oil is intended for use in mobile and stationary piston, screw and lamellar compressors. The product is developed to give low consumption and long service intervals. FG Synthetic Compressor Oil is available in three different viscosity grades, suitable for most types of compressors. FG Synthetic Compressor Oil is gentle to all seals and gaskets, provides an excellent wear resistance and has good filterability. It is Food Grade authorised and will not produce fumes, smoke or odours which may contaminate or damage food stuff in immediate contact or in the surrounding neighbourhood.

Characteristics

Oxidation preventing and inhibiting
Good shear stability
Low oil consumption
Non-aggressive to seals or gaskets
Food Grade H1 authorised

Applications

Food industry
Mobile compressors
Stationary compressors
Piston, lamellar, screw compressors etc.

Technical data

ISO grade		46	68	100
Colour		Transparent		
Viscosity at 40°C, mm ² /s	ISO 3104	46	68	100
Viscosity at 100°C, mm ² /s	ISO 3104	7,4	10,15	13,3
Viscosity index	ISO 2909	134	134	133
Pour point, °C	ISO 3016	-55	-53	-50
Flash point, °C	ISO 2590	240	240	240
Copper corrosion	ISO 2160	1a	1a	1a
Application temp. range, °C		-32 till +177	-25 till +177	-18 till +177
Product code		2600-46	2600-68	2600-100

The products are H1 registered: 2Probit AK1220004, InS 1795955

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





Fridgo PAO 9

FOOD GRADE REFRIGERATION COMPRESSOR OIL (AMMONIA)

Fridgo NH is based on synthetic PAO oils, providing balanced solubility and ability to separate gases and water. The oil is intended for use in refrigeration compressors with ammonia as refrigerant. Fridgo PAO 9 provides excellent wear protection for reciprocating, vane, and screw compressors. Fridgo PAO 9 is designed specifically for ammonia refrigeration systems and exceed all results compared to naphthenic types of refrigeration oils in these systems. Fridgo PAO 9 provides advantages over naphthenic refrigeration oils in performance regarding lubrication, thermal stability, and reduction of oil carryover.

Fridgo PAO 9 is not recommended for systems using other refrigerant than specified above. Fridgo PAO 9 is compatible with all types of seal elastomers commonly used in refrigeration compressors. Miscible with mineral oils and most synthetic oils, i.e. alkyl benzenes, polyalphaolefines, esters.

NB! NOT miscible with polyalkylene glycols!

Characteristics	Applications
Food grade H1 certified Excellent separation of gases Excellent water separation	Ammonia refrigeration compressors (R 22 refrigeration compressors) (R 502 refrigeration compressors)

Technical data

ISO grade		46	68
Colour		Transparent	
Viscosity at 40°C, mm²/s	ISO 3104	46	68
Viscosity Index	ISO 2909	>170	>170
Pour Point, °C	ISO 3016	-50	-50
Flash Point, °C	ISO 2592	>220	>220
Product code		2501-46	2501-68

The products are H1 registered: 2Probity AK1920031, InS 1811313

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





Fridgo NH

FOOD GRADE REFRIGERATION COMPRESSOR OIL (AMMONIA)

Fridgo NH is based on synthetic PAO oils, providing balanced solubility and ability to separate gases and water. The oil is intended for use in refrigeration compressors with ammonia as refrigerant. Fridgo NH provides excellent wear protection for reciprocating, vane, and screw compressors. Fridgo NH is designed specifically for ammonia refrigeration systems and exceed all results compared to naphthenic types of refrigeration oils in these systems. Fridgo NH provides advantages over naphthenic refrigeration oils in performance regarding lubrication, thermal stability, and reduction of oil carry-over. Although designed for use in ammonia refrigeration systems, Fridgo NH can be used in systems using refrigerant R 22 and R 502, provided the evaporator temperature is above 30°C. Fridgo NH is not recommended for systems using refrigerant R 12, R 134a or other refrigerants not specified above. Fridgo NH is compatible with all types of seal elastomers commonly used in refrigeration compressors.

NB! NOT miscible with polyalkylene glycols!

Characteristics

Food grade H1 certified
Excellent separation of gases
Excellent water separation

Applications

Ammonia refrigeration compressors
(R 22 refrigeration compressors)
(R 502 refrigeration compressors)

Technical data

ISO grade		68
Colour		Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	68
Viscosity Index	ISO 2909	>140
Pour Point, °C	ISO 3016	-57
Flash Point, °C	ISO 2592	>220
Product code		2700-68

The product is H1 registered: 2Probitry AK1920032, InS 1796122

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





Heat Proof 32-100 HTF

HEAT TRANSFER FLUID

Heat Proof 32-100 HTF is based on fully synthetic fluids. The product has excellent heat transfer properties and very good resistance to oxidation. The product is developed for closed systems with running temperatures up to +280 °C. The product is thermally stable and give long service life. Prevents corrosion and deposits in all inner parts of the heating system.

Characteristics

Thermally stable
Resistant to oxidation
Prevent corrosion

Applications

Moulding
Food Industry
Furniture industry
Veneer presses
etc.

Technical data

ISO grade		32
Viscosity at 40°C, mm ² /s	ISO 3104	32
Viscosity at 100°C, mm ² /s	ISO 3104	6.2
Viscosity Index	ISO 2909	>140
Pour Point, °C	ISO 3016	-60
Flash Point, °C	ISO 2592	>260
Product code		2330-32-100 HTF

The product is H1 registered: 2Probity AK1920030, InS 1796148

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 1000 litre IBC
- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box





Silikonolja

FOOD GRADE SILICONE OIL

Silikonolja is a premium quality lubricant with very good dielectric properties and a wide application range. The oil withstands low and high temperatures, is resistant to oxidation, will reduce wear and has good adhesion to most types of surface materials. Especially suitable for plastic (polymeric) surfaces. The high shear stability of Silikonolja makes it very suitable for applications where repeated oscillatory movements occur and will surpass all non-silicone oils.

Characteristics

Wide application range
Withstands high shear forces
Wide application temperature range
Good dielectric properties
Resistant to oxidation

Applications

Form release agent
Isolating oil
Heat transfer fluid
Foam depressing agent
Hydraulics
Heat protection
Polymer (plastics) lubricant
etc.

Technical data

ISO grade		320
Viscosity at 25°C, mm ² /s	ISO 3104	350
Pour Point, °C	ISO 3016	-50
Flash Point, °C	ISO 2592	>204
Product code		2200-100

The product is H1 registered: 2Probity AK1920009, NSF 140120, InS 1794477

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

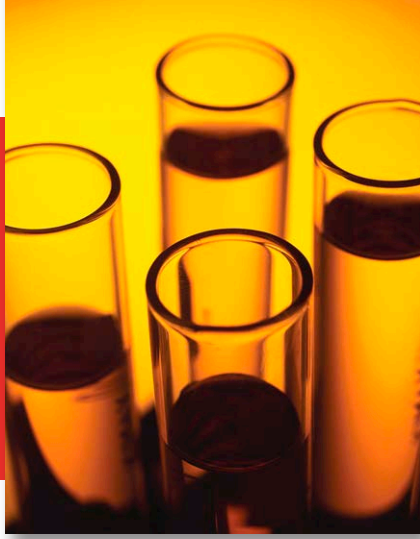
Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre can
- 5 litre Bag-in-Box
- 1 litre can

Also available in 400 ml aerosol can, see page 46.



Nonfood Compounds
Program listed (H1)
Registration # 140120



Air Guard FG

FOOD GRADE MIST LUBRICANT

Air Guard FG is a transparent mist lubrication oil, based on mineral paraffinic white oils of pharmaceutical quality. Adheres well to most types of surface materials and lubricates all moving parts in, for example, pressurized air systems (pneumatics). The oil is odour- and tasteless.

Characteristics

Can form water emulsions
Good adhesion
Food grade quality
Prevents corrosion

Applications

Pneumatic tools and systems
Air breathing masks
Diving equipment
etc.

Technical data

ISO grade		22	32
Colour		Transparent	Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	22	32
Viscosity at 100°C, mm ² /s	ISO 3104	4.29	5.27
Viscosity Index	ISO 2909	100	95
Pour Point, °C	ISO 3016	-27	-25
Flash Point, °C	ISO 2592	195	216
Product code		2050-22	2050-32

The products are H1 registered: 2Probity AK1120001, NSF 127296, InS 1794463

SDS – Safety Data Sheet

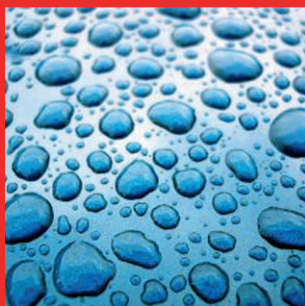
Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 20 litre Bag-in-Box
- 5 litre Bag-in-Box
- 5 litre can
- 1 litre can



Nonfood Compounds
Program listed (H1)
Registration # 127296



PG Synth Gear FG

FULLY SYNTHETIC GEARBOX OIL

PG Synth Gear FG is a polyglycol-based lubricant, primarily intended for use in extreme temperatures and loads. It is based on material certified for incidental food contact and is registered as H1. PG Synth Gear FG is recommended for spur gears and worm drives where longer replacement intervals and lower running temperatures are wanted. In continuous operation PG Synth Gear FG can be used in temperatures between 248 - 392 °F; 120 - 200 °C. It can be used for lubricating of sprockets, sliding surfaces and roller bearings and other high temperature applications, especially with ISO 320 – 680.

NB! Cannot be mixed with mineral oils and some synthetic oils!

Characteristics

Very good temperature properties
Very good load properties
High thermic and mechanical stability
Endures long replacement intervals
Very good corrosion prevention
Resists micropitting
Food grade

Applications

Spur gears
Worm drive
Planetary gears

Technical data

ISO grade		150	220	320	460	680
Colour		Transparent/yellowish				
Viscosity at 40°C, mm ² /s	ISO 3104	150	220	320	460	680
Viscosity at 100°C, mm ² /s	ISO 3104	25	42	61	83	123
Viscosity index	ISO 2909	>230	>230	>250	>250	>250
Flash point, °C	ISO 2592	>280	>280	>280	>280	>280
Working temperature range		-35 - +280°C				
Density @ 15 °C (kg/cm ³)	ISO 3675	1057	1057	1062	1067	1089
Product code		2450-150	2450-220	2450-320	2450-460	2450-680

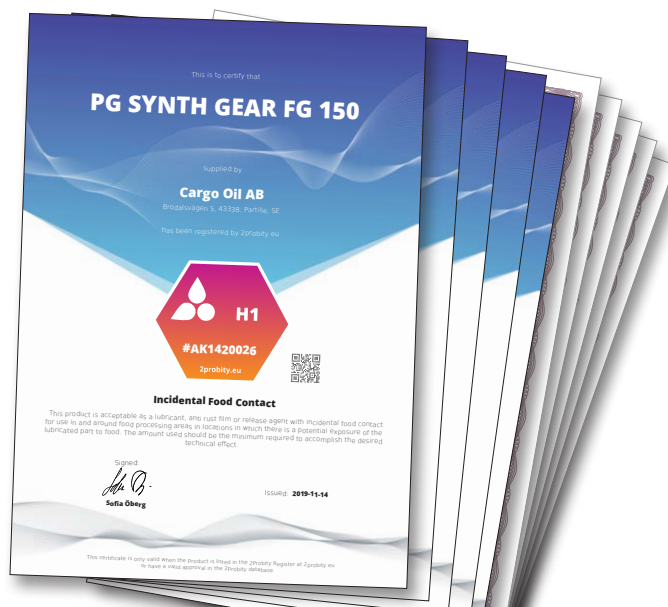
The products are H1 registered: 2Probiity AK1420022-26,
InS 179325-29

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 5 litre can





Synthetic Vaccum Oil

SYNTHETIC VACUUM PUMP OIL

Synthetic Vacuum Oil is based on synthetic fluids, giving exceptional corrosion prevention and good shear stability. The lubricating oil is suitable for most types of vacuum pumps. Compatible with seals and gaskets commonly used in vacuum pumps. Good anti-wear properties and good filterability. Synthetic Vacuum Oil is registered as H1 and allowed for incidental food contact (max. 10 ppm). The lubricant doesn't form fumes or odors that can contaminate or damage products.

Characteristics

Oxidation stability
Good Shear stability
Low oil consumption
Compatible with seals and gaskets
Food Grade H1

Applications

Food industry
Mobile compressors
Stationary compressors
Vacuum pumps etc.

Technical data

ISO grade		100
Colour		Transparent
Viscosity at 40°C, mm ² /s	ISO 3104	100
Viscosity at 100°C, mm ² /s	ISO 3104	16,7
Viscosity index	ISO 2909	>140
Pour Point, °C	ISO 3016	-40
Flash Point, °C	ISO 2590	>210
Copper corrosion	ISO 2160	1a
Working temperature range, °C		-30 till +180
Product code	1285	

The product is H1 registered: 2Probity AK1920033,
InS 181128129

SDS – Saftey Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 5 litre can





An even better manufacturer

To meet our customers' demands we decided to upgrade our production facility and in 2013/14 we have built a completely new factory in Partille, Sweden. We will now have a well needed increased capacity for production of food grade lubricants and also a new laboratory with long term climate test facilities.

Flexible packaging

We can offer you a versatile range of packaging. From 1000 litre IBC to 10 ml can bottles and almost anything in between. Being the first company in Scandinavia to introduce oil in Bag-in-Box package, we still continue to ever seek the best packaging for our customers. Since 2014 we have the possibility to fill aerosol cans in our own premises, giving many more options for you as our customer. We also have the equipment for filling tubes, cartridges incl. LubeShuttle cartridges and many smaller and larger types of packages.

New and informative labelling

We have also introduced a new label design, not only in full compliance with CLP/GHS but also including our unique Cargo Figure-All™ system, to make it easier for the end-user to identify and use the right product for a specific application and purpose.

Customer Specific Lubrication Chart

Together with the customer, we can develop a specially made lubrication chart and books with all information collected. We will help with the selection and rationalisation of the required range of products, colour coding (if desired), wall-mounted charts, product data book with index and much more.

Colour coded packages

The use of colour coding of products will simplify all handling and minimizing risks for any mix-up and cross-contamination of lubricants and other maintenance products. We can help you from beginning to end, introducing a quality and environment improving system, where it is easy to keep order and most mistakes can be avoided.





Bag-in-Box

Cargo Oil has since 2011 many lubricants, chemicals and cleaning agents available in a specially designed Bag-in-Box packages. The collapsible bag in the Bag-in-Box package eliminates all problems with surging, since no air has to replace the transferred liquid, giving a steady and fast emptying of the packages. The surge-free emptying will also reduce risks for spills and splashing. Even where highly viscous products are used, the collapse of the bag will ensure an almost complete emptying of the package.

All BiB packages have punched grips on top and bottom, giving perfect control of the emptying process.

The cardboard box is water-repellant, but shall not be stored in humid or wet areas. The bag has a 38 mm threaded orifice where it is possible to connect nipples, taps, pumps, etc. Special adapters for connecting a wide variety of 3/4" thread valves are available at request. The BiB is delivered with a sealed orifice, to ensure it contains the original product. Bag-in-box packages are available in volumes of 5 litres and 20 litres.

Bag-in-Box packages shall be stored and transported upright, e.g. with the orifice upwards, to avoid spilling or leakage. When being used, i.e. with a tap installed, it may be horizontally placed on a shelf or other suitable surface. The surface below the BiB packages in use must be adapted for collection of spill or leakage.

The plastic bag and cardboard box may be recycled after use. The waste volumes are found to be approx. 10% of that of ordinary packages.

Bag-in-box packages are designed for fitting pallet sizes and may be added up to three layers on pallets. For 20 litres BiB, a pallet will accommodate 45 pieces.

Store BiB packages dry and cool.





H1 is the standard

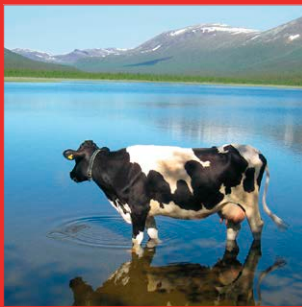
This standard is developed by and, until 1998, handled by the United States Department of Agriculture (USDA). When they closed the service of registration, it was re-opened by the National Sanitation Foundation (NSF) in the year 2002.

NSF required visible labelling of all registered products, complying to CFR 21 178.3570 and other subdirectories. Their mark is dominantly showing the NSF Logotype and the category code is only barely visible. Under a period of five (5) years, NSF had the monopoly of all registrations and evaluation of non-food compounds (including lubricants with incidental food contact). The prominent logotype and the long time this mark has been used for H1 products, have led to a misunderstanding by many users, that only NSF (and their White Book of non-food compounds) is the only available registration body. Nothing could be more incorrect.

The standard is basically described and determined by the FDA 21 CFR list of compounds and the evaluation of various applications of these materials can be made by any competent institution or body. Today, there are two bodies active on the market; NSF and InS. Any of these two can make the evaluation and registration. *The standard for lubricants with incidental contact with foodstuff is H1.*

In Sweden and other countries in Europe, there are no reasons to register lubricants as H2 or H3. In principle, all products that do not meet the demands for H1 will meet the requirements for labelling as H2 or H3. The environmental awareness and legislation in Europe do not permit use of lubricants that do not comply or makes it impossible to market toxic lubricants. Only the three categories (H1, H2 and H3) can be used for lubricants with incidental contact with foodstuff, there are no other categories available for this.

When using H1 registered products, the guidelines are that a maximum of 10 ppm (parts per million) may contaminate the food stuff. If any other product (not registered as H1) is used, the contamination level allowed is zero (0). If any contamination of food stuff occurs, exceeding these limits, the produced batch must be withdrawn and is not allowed to market in any way, in accordance with current European law for food and feed products (EC 178/2002).



Cargo Flow Food with Teflon®

FOOD GRADE PENETRATING LUBRICANT

Cargo Flow Food with Teflon® is a food grade penetrating lubricant based on synthetic base oils. Penetrates effectively when applied and leaves a strongly adhesive lubricating film. Protects against corrosion in aggressive environments, rejects water and also rejects dust and particles due to the "non-stick" properties of Teflon. The product is a H1 registered, food grade lubricant recommended for all applications where a transparent, odour- and tasteless lubricant is needed. The spray can itself, is developed in a way that it enables full 360 degree functionality. This makes it possible to apply the product in all areas – even those which can be hard to reach.

Directions for use:

- Shake can well before use

Characteristics

Highly penetrating
Wide working temperature range
Rejects water/dust
Broad range of uses
Food grade lubricant
User-friendly

Applications

Penetrating lubricant
Chains
Guides and other sliding surfaces
X-ray equipment
Rust dissolving
Bakery-racks
Pneumatic tools
Meat processing equipment etc.

Technical data

Colour	Transparent
Application temperature range °C	-48 to +235
Product code	3200

The product is H1-registered: 2Probity AK1320017, NSF 136092, InS 1794469

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol

Also available in bulk.



Nonfood Compounds
Program listed (H1)
Registration # 136092



S.O.S Smörjoljespray

FOOD GRADE UNIVERSAL LUBRICANT

SOS is a transparent, food grade lubricant with a broad range of uses. The product is totally waterproof, endures aggressive environments and creates a strong, shear-stable lubricating film. SOS is based on a highly refined SAE 40 paraffin oil suitable for all applications where a clean, fine lubricating-film is required.

Directions for use:

- Shake can well before use

Characteristics

Food grade product
Transparent
Waterproof
Endures aggressive environments

Applications

Food processing industry
Guides
Sliding surfaces
Chains
Pistons
Rollers etc.

Technical data

Colour	Transparent
Product code	3160

The product is H1 registered: 2Probitry AK1220008, NSF 129284, InS 1794476

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

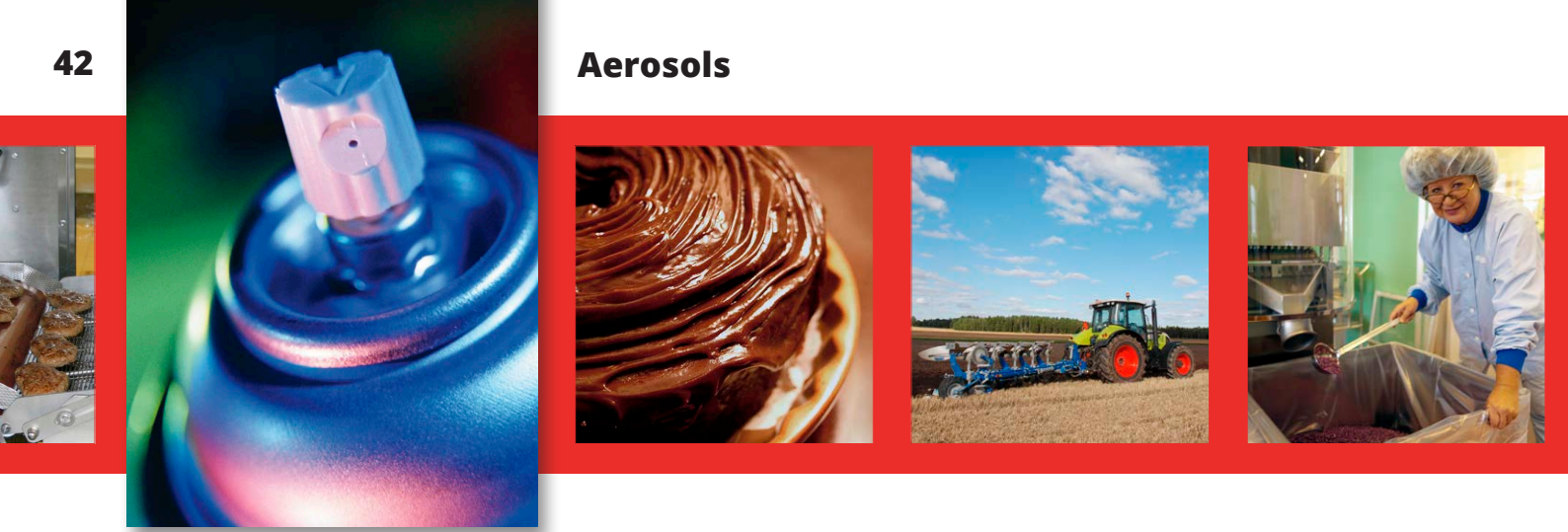
Standard packages

- 400 ml aerosol

Also available in bulk.



Nonfood Compounds
Program listed (H1)
Registration # 129284



White Grease

WHITE WATERPROOF GREASE

White Grease is an exceptionally waterproof food grade grease, manufactured and developed mainly for all lubrication in food-processing plants etc. The grease is developed for use in a wide range of applications, endures heavy loads, high temperatures and has a very good mechanical stability. High durability against solvents and acids – does not get rancid. White Grease is suitable for all kinds of grease lubrication; rolling bearings, bushings, joints, chucks, etc.

Directions for use:

- Shake can well before use

Characteristics	Applications
Waterproof Endures heavy loads Wide working temperature range Food grade lubricant	Food processing industry Bearings Bushings Joints etc.

Technical data

Colour	Cream
Product code	3110

The product is H1 registered: 2Probiity AK1920034, InS 1795954

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol

Also available in bulk, see page 6





KGFG Spray

CHAIN LUBE FOOD GRADE

KGFG Spray is a food grade lubricant with a wide application area, where extreme water resistance is of importance. Excellent for chains in lifts. KGFG Spray withstands aggressive surrounding environments and supply a strong lubrication film with high shear stability. KGFG Spray is based on high quality synthetic base oils and spear-point technology thickeners, giving excellent abilities to remain in place also after heavy cleaning and use of strong detergents. The lubricating film is thick and very adhesive to metal surfaces. Also suitable for applications with elevated temperatures.

Handling of the product:

- Shake can well before use

Characteristics

Food Grade Lubricant
Paste in aerosol package
Extremely water resistant
Very adhesive
Withstand aggressive environments

Applications

Food processing industry
NIMO-KG lifts
Guide lubrication
Conveyors
Chains etc.

Technical data

Colour	Amber paste
Product code	3360

The product is H1 registered: 2Probiy BA2020043, InS No. 1795094

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol





Bomfett with Teflon®

TRANSPARENT JIB & GUIDE LUBRICANT

Bomfett with Teflon® is a transparent lubricant developed for jib/guide lubrication on cranes and other sliding surfaces. The product is a totally waterproof, longtime lubricant with high shear stability. Bomfett with Teflon® is easy to apply and leaves an extremely adhesive transparent lubricating film. The product is a user-friendly, food grade lubricant with a broad range of uses.

Directions for use:

- Shake can well before use

Characteristics	Applications
Distributes fast over sliding surfaces	Crane jibs
Extremely adhesive	Guides/slides
Waterproof	Forklifts
User-friendly	Sliding surfaces etc.

Technical data

Colour	Transparent
Product code	3380

The product is H1 registered: 2Probity AK1220003, NSF 139636, InS 1794466

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

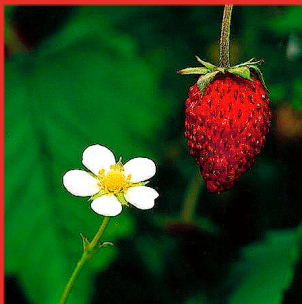
Standard packages

- 400 ml aerosol

Also available in bulk, see page 11



Nonfood Compounds
Program listed (H1)
Registration # 139636



Super Stick

FOOD GRADE SYNTHETIC UNIVERSAL LUBRICANT

Super Stick is a fully synthetic, water resistant universal lubricant with very high adhesion properties. The product is developed for lubrication of chains, guides, gears, etc. It will leave a strong and transparent lubricating film, which will persist also during severe conditions. The very high adhesion in combination with high water resistance makes it suitable for lubricating parts that will be submerged in water. Will not give a "rainbow sheen" on water surfaces. Super Stick provides very good shearing stability and withstands high loads. Easy to handle and apply.

Directions for use:

- Shake can well before use

Characteristics

Very water resistant
Very high adhesion
Very good shear stability
Food grade lubricant

Applications

Chains
Gear wheels, cogs and sprockets
Food industry
Fork lifts
Wire lubricant etc.

Technical data

Colour	Transparent
Product code	3130

The product is H1 registered: 2Probiity AK122001, NSF 139637, InS 1794479

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can



Nonfood Compounds
Program listed (H1)
Registration # 139637



Silikonolja

LUBRICANT AND RELEASE AGENT

Silikonolja is developed for use as a release agent and lubricant, providing the ability to drive off water and humidity from surfaces. Prevent sticking/ freezing/ scorching of rubber details. Silikonolja leaves a protective, slippery and a dirt repellent film after deposition on surfaces. Suitable for use in graphic and textile industries, on materials such as metal, leather, plastics, rubber and many other. Silikonolja may also be used as a form release agent.

Directions for use:

- Surfaces must be clean and dry before application of Silikonolja
- Shake can well before use
- Spray evenly and let dry
- Avoid applying or spillage on floor and shoe soles – risk for slipping!

Characteristics	Applications
Water repellent Dirt repellent Provides a protective film	Printing industry Textile industry Cutting tables Form release agent etc.

Technical data

Colour	Transparent
Product code	3020

The product is H1 registered: 2Probity AK1220010, NSF 139632, InS 1794478

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

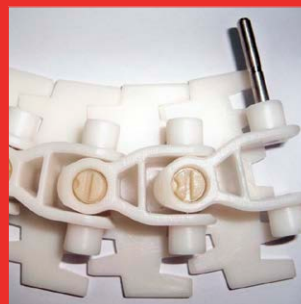
Standard packages

- 400 ml aerosol spray can

Also available in bulk.



Nonfood Compounds
Program listed (H1)
Registration # 139632



Torrsilikon

DRY RELEASE AGENT AND LUBRICANT

Lubricating and release agent, for instance, in packaging and process equipment. Prevent blockage and production stand-still on spindles, slideways and guides. Dries quickly and leaves a surface that is not feeling oily or fat. Wide application temperature range.

Prevent car doors, locks and rubber linings to stick/ freeze/scorch. Protects accumulator terminals, tools, weapon, skies, aluminium windows, etc from rust and corrosion.

Instructions:

- Shake can well before use
- Avoid applying or spillage on floor and shoe soles – risk for slipping!

Propertes

Fast drying
Corrosion preventing
Leaves a non-stick film
Withstands low and high temperatures

Applications

Release agent
Spindles
Slidig surfaces
Rubber details etc.

Technical data

Colour	Transparent
Product code	3060

The product is H1 registered: 2Probity AK1220012, NSF 139633, InS 1794481

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can

Also available in bulk.



Nonfood Compounds
Program listed (H1)
Registration # 139633



Clear Grease

TRANSPARENT SYNTHETIC LUBRICATING GREASE WITH PTFE

Clear Grease is based on synthetic oils and PTFE. The specific rheological properties of the lubricant will give very good flow properties of the grease at extremely low temperatures. The formed film strength and thickness will guarantee lubrication also at elevated temperatures. The type of PTFE used, will adhere strongly to all surfaces lubricated and give a very low friction coefficient. Cargo Clear Grease is water resistant, withstands oxidation, has very good mechanical stability, is completely non-toxic and provides a very wide application temperature range.

Directions for use:

- Shake well before use

Characteristics	Applications
Food Grade Lubricant PTFE Grease in aerosol package Extremely water resistant Very adhesive	Food processing industry Beverage industry Pharmaceutical industry Elevators and lifts etc.

Technical data

Colour	Amber
Product code	3400

The product is H1 registered: 2Probity 1420021, InS 1796475

SDS – Safety Data Sheet

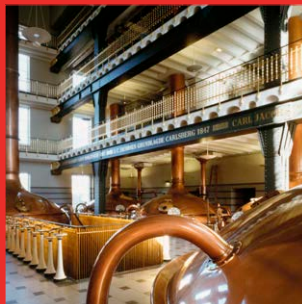
Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can

Also available in bulk, see page 12





FG Degreaser

TRANSPARENT ALLROUND DEGREASER AND CLEANER

FG Degreaser is an all round cleaner developed for primary use in the food-industry. Only faint smell and quick vaporising leaving no residue or deposits. Suitable for use in food industry, breweries, pharmaceutical and tobacco industries and other clean-environment operations where an H1 registered product is essential.

Directions for use:

- Shake well before use

Characteristics

Clear and transparent
Not abrasive or grinding
Can be used on most surfaces of rubber and plastics
Leaves no residue

Applications

All machinery
Transport conveyors
Tools etc.

Technical data

Colour	Transparent
Product code	3420

The product is H1 registered: 2Probiy BA2320044, InS 1796855

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can





Stainless Clean

CLEANER AND FINGERPRINT-RESISTANT PROTECTION

Stainless Clean is a very effective cleaner, removing fat, oil, fingerprints and dirt from stainless steel surfaces, brushed or polished. Leaves a protective film that prevent fingerprints and fat stains on the surface. Long lasting effect makes the Stainless Clean very cost effective. On polished stainless steel it is especially effective, cleaning without leaving patchy surfaces.

Directions for use:

- Shake well before use
- Spray and wait some time before wiping. Use clean soft, lint-free cloth.

Characteristics	Applications
Clear and transparent Quick and simple cleaning Long-time protection against stains	Stainless steel surfaces

Technical data

Colour	Transparent
Product code	3410

The product is H1 registered: InS 1796854

SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can





4-Flow

FOOD GRADE UNIVERSAL LUBRICANT CONTAINING PTFE

4-Flow contains PTFE in selective sizes and structures, together with nanoparticles of ultra modern technology, to give a surface coverage for all types of materials with a very low friction coefficient. 4-Flow has very good dielectric properties. 4-Flow is based on synthetic oils with a very high viscosity index, to guarantee lubrication over a much wider temperature range than applicable for other lubricants. 4-Flow may be used in applications where the temperature can be from -60 °C up to +270 °C. The modified rheological properties of the product, in combination with cutting edge technology surface active additives gives an unsurpassed penetration ability, even in, normally, inaccessible spaces. 4-Flow will force water and humidity from the treated surface and give a long term protection against corrosion. Neutralises acids and other corrosive materials.

Instructions:

- Shake can well before using.

Characteristics

Excellent penetration
Dissolves rust
Very wide temp. range
Displaces water, dirt
Wide application range

Applications

Petrating lubrication
Chains
Sliding surfaces
Wire
Guides and conveyors etc. m.m.

Technical data

Colour	Pale yellow to uncoloured
Product code	3260
Application temperature range °C	-60 till +270 °C

The product is H1 registered: 2Probity AK1320019, InS 1798781

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 150 ml aerosol
- 400 ml aerosol
- 500 ml aerosol





FG Silicone Grease Aerosol

WATERPROOF SILICONE GREASE

FG Silicone Grease is a fully synthetic lubricating grease with very good dielectric and lubricating properties. The lubricant is developed for use at high temperatures and has no dropping point. The product is resistant to many organic solvents, e.g. aliphates, alcohols, chlorinated solvents, etc. The lubricant is odor- and tasteless. Registered as H1 and allowed for incidental food contact. High mechanical and thermal stability and very suitable for insulation of electrical components in aggressive environments. Also recommended as a release agent and lube in applications working at high temperatures.

Characteristics

Waterproof
Good adhesion
Resist high temperatures
Food Grade
High stability
No dropping point

Applications

Electrical components
High temp. applications
Release agent
Lube
Extreme environments
etc.

Technical data

Colour	White paste
Product code	3440
Dielectric strength	26
Dielectric constant at 25 °C, between 0,5 to 1000 kHz, ASTM D-924	2,93
Volume resistivity at 25°C, Ohm/cm, ASTM D-1169	1 x 10 ¹⁵

The product is H1-registered: 2Probiity AK1920028, InS 1798785

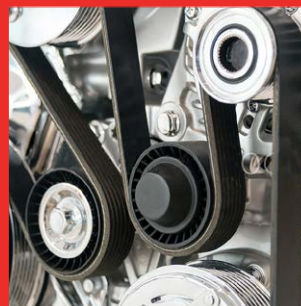
SDS – Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can





Remspray

FRICION MODIFIER / BELT GRIP

Remspray provides an increased friction and conditioning of drive belts. Registered as H1 and is allowed for incidental food contact. Also suitable for escalators, treadmills, pallet stacking and under slippery carpets.

Instructions:

- Shake well before use

Characteristics

Quick drying
Increase friction
Extend lifetime of belts
Contains cleaning agents

Applications

Belts made of:
Rubber, textile, leather, etc.
Escalators
Conveyors
Treadmills
Carpets (underside) etc.

Technical data

Colour	Whitish
Product code	3070

The product is H1-registered: 2Probiity AL0520036, InS 1811243

SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- 400 ml aerosol spray can





Polypropylen (PP) absorbents

OIL ONLY/UNIVERSAL - SHEETS/ROLLS

Our absorbents are made of a unique type of polypropylene and manufacturing process, giving products of greater absorption capacity for all types of fluids. The absorbents have SMS-layers (Spunbound - Meltblown - Spunbound).

Universal (grey) – absorbs oils, water and water soluble material.

Oil Only (white) – absorbs organic fluids, i.e. motor oils, hydraulic oils, gear oils, organic solvents, diesel oil, petrol, etc.

The sheets and rolls have a very quick absorption rate and will contain the absorbed product. Until saturation, the sheets/rolls will be capable of absorbing approx. 10-12 times its own area weight or, in volumes, about 2 litres per m² for the thinner qualities up to ca 5 litres per m² for the thicker qualities. This gives that a full size roll will be able to absorb ca 220 litres of oils in total. The actual results will depend on the type of fluid that shall be absorbed, its viscosity and the temperature.

Absorbent rolls

Continuous lengths of absorption sheets

Roll Oil Only/Universal 40 THIN
0,4 m x 80 m (Absorbs ≈ 64 l)

Roll Oil Only/Universal 40 THICK
0,4 m x 40 m (Absorbs ≈ 64 l)

Roll Oil Only/Universal 80 THICK
0,4 m x 80 m (Absorbs ≈ 64 l)

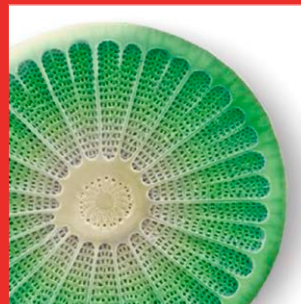
Absorbent sheets

Sheets Oil Only/Universal THIN, 40 x 50 cm
200 sheets/pack (Absorbs ≈ 80 l)

Sheets Oil Only White THICK, 40 x 50 cm
100 sheets/pack (Absorbs ≈ 80 l)



Our Sanol Polypropylene Sheets and Rolls are intended for use as absorbents for spill and leakage of fluids. They are not intended for direct food contact, but meet the requirements for materials and articles intended to come into contact with food as specified by Directives EC/135/2004, EC/10/2011, EC/2023/2006 and EC/72/2002. The products are made from 100 % polypropylene, without any additives subject to restrictions, such as Specific Migration Limit (SML).



Diamix

A VERSATILE SORBENT

Diamix is a versatile sorbent for effective removal of oil, grease, water, solvents, chemicals and other liquids on solid surfaces. It absorbs and neutralizes toxic, flammable and explosive waste and is safe (chemically inert). Diamix does not form dust thanks to a special grinding method. Diamix is fast acting with excellent absorption properties and absorbs oil before water. The spill will also be prevented against slippage. The product is a mineral-based granulate made of diatomite, a lake sediments mostly formed from the shells of diatomees. Diamix is Type III R approved which means that it may be used on public roads. Diamix is J1 registered by InS and is approved to be used as absorbent in food processing areas.

Deposition

Diamix can be disposed as bulky waste but after absorption of hazardous liquids it shall be deposited as directed by the local environmental authorities.

Diamix Universal – Litter Size: 1,5–3,0 mm, Diamix Plus – Litter Size: 0,7–1,5 mm.



Diamix is not intended for direct food contact, but meet the requirements for materials and articles intended to come into contact with food as specified by Directives EC/135/2004, EC/10/2011, EC/2023/2006 and EC/72/2002. The product is made from 100 % diatomaceous earth without any traces of heavy metals or additives subject to restrictions, such as Specific Migration Limit (SML)

Technical data

Content	100% calcinated and milled diatomaceous earth
Weight:	10 kg litter bag/20 kg litter bag
Absorption capacity:	About 1 litre oil/1 litre granules
Other:	Keep cool and dry, away from direct sunlight, in original packaging.
Technical Standards	5761-012-25310144-2011

The product is J1 registered: InS 1796558

Standard packages

- 48 bags/ pallet (10 kg)
- 50 bags/pallet (20 kg)
- 10 litres can





Wipes

WIPES WITH CLEANER

User-friendly wipes for easy cleaning of hands. Heavy Duty and Light Duty wipes are non-irritating to skin and promote re-fattening of the skin.

Heavy Duty Wipes

Cleans almost all types of dirt and grime from the hands. Frequent use will not give dryness of skin. Removes soot, ink, fat and grease, paint, oil, etc. The active fluid is A1 registered (InS No 1796927) and is allowed for use in process areas where food stuff is handled. The material in wipes and package are also allowed for contact with food (food safe).



Container and wipes are not intended for direct food contact, but meet the requirements for materials and articles intended to come into contact with food as specified by Directives EC/135/2004, EC/10/2011, EC/2023/2006 and EC/72/2002. The products are made from 100 % polypropylene or 100% polyethylene, without any additives subject to restrictions, such as Specific Migration Limit (SML).



Characteristics	Applications
User friendly	Hands and/or face celaning
Effective cleaning	Disinfection
Quick and easy- do not require water	Etc.
Does not dry out the skin	

Technical data

Product	Heavy Duty Wipes
Product code	6160

The product is H1 registered: InS 1796927

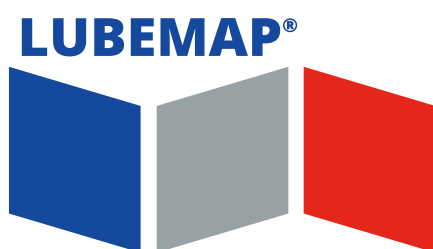
SDS - Safety Data Sheet

Available from www.cargo-oil.se or by phone +46 31 44 33 11

Standard packages

- Container with 50 wipes





A standardized concept for maintenance of all machinery

The concept includes, among other things, product inventory, lubrication chart, product rationalization, colour coding, labeling and much more.

Each business is unique and our sales team will always first do a thorough review of the company, in consultation with the maintenance manager, to investigate the needs that exist and what requirements there are.

When LubeMap is fully applied, it will minimize the risks of cross-contamination and incorrect use of lubricants. Safe handling, a high level of cleanliness and tidiness are also included in this concept. There is also the possibility of both basic and application specific training of maintenance personnel and operators, which provide good theoretical knowledge in the proper handling and selection of lubricants.

With LubeMap implemented, all documentation of lubricants and other products are always easily accessible and in one place.

In addition, we can mark products with a Cargo H1 label for easier recognition and also guarantee that the product has been handled in accordance with ISO 21469 and according to standard procedures in our quality and environmental management. The Cargo H1 label is available only on the products that have been reviewed by recognizing organizations, such as INS or NSF, and are available on their lists of registered products.

Feel welcome to contact us at any time for more information.



Nonfood Compounds
Program listed (H1)
Registration # 0000000



Cargo Oil AB National and International

We are a company with its own particular niche. Our home market is primarily Scandinavia, but we are reaching out to areas of Europe and to the rest of the world with manufacturing, retailers and direct export.

Cargo Oil and the Environment

When developing lubricants, we consider the environment and the users, while preserving performance even in demanding conditions. Our constant aim is to improve our company and our products. We are environmentally certified to ISO 14001 and have several products on the SP list "Ren Smörja". We have also been involved in the production of the new Swedish standard for environmentally adapted lubricating greases: SS 155470. We supply large parts of the food industry in Europe and Oceania with high quality, state-of-the-art lubricants.

The Quality System at Cargo Oil

At Cargo Oil we care deeply about the performance of our products and the quality of the goods and services we provide. As a further guarantee of this, we have been certified to ISO 9001 since January 2003. All our staffs are involved in the work of quality. This ensures that we will be able to uphold the constant improvement of our company, our services and our products. Since 2008, we are also certified according to ISO 21469 specifying hygiene requirements for the formulation, manufacture, use and handling of lubricants.

Cargo Oil is a member of the following organisations:

European Lubrication Grease Institute (ELGI)

European Union of Independent Lubricating Companies (UEIL)

European Hygienic Equipment Design Group (EHEDG)

SwedeFish

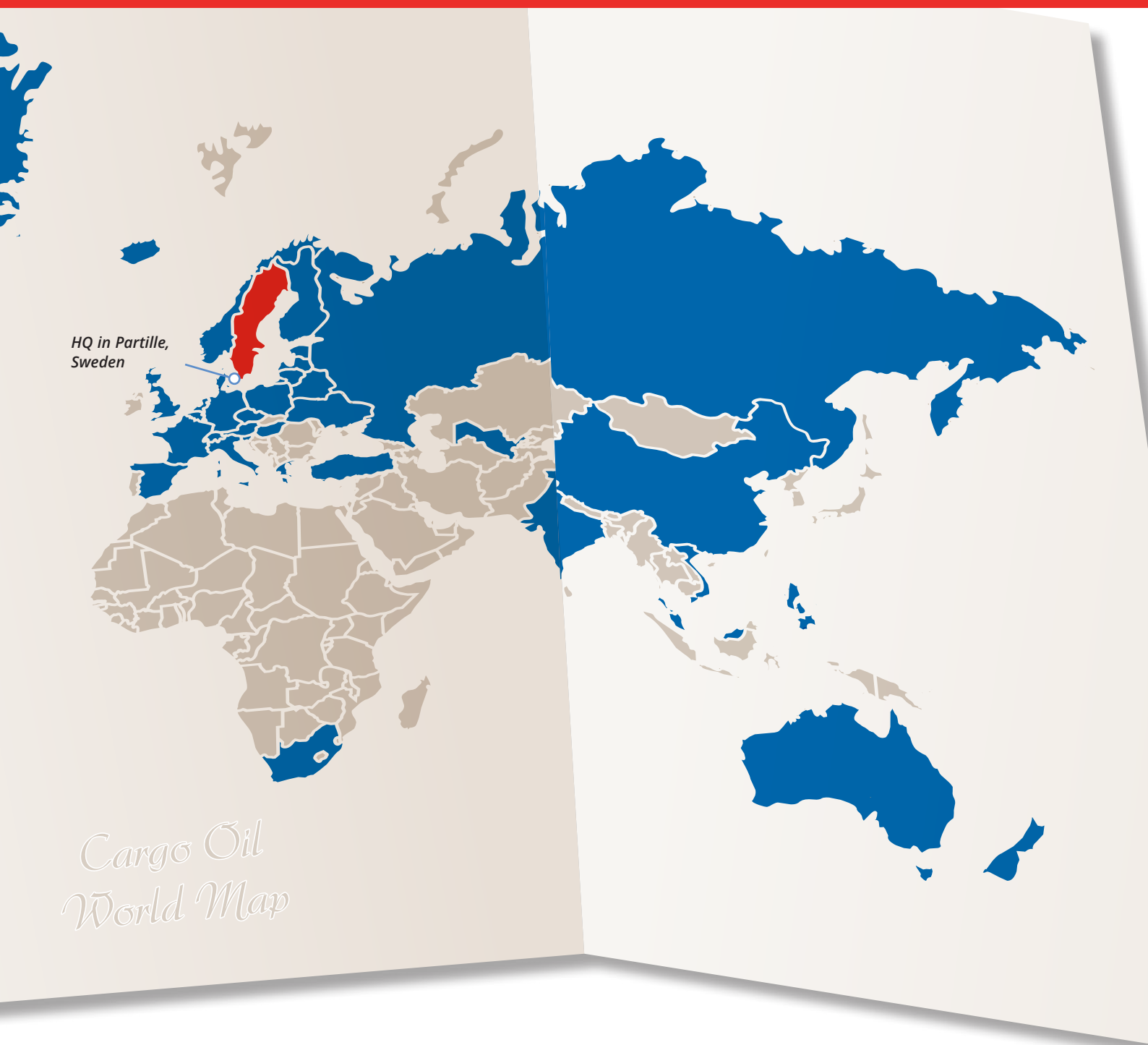
Western Sweden Chamber of Commerce and Industry

SLAO-associate member

Ytkemiska Institutet – Swedish Institute of Surface Chemistry

These memberships give us an unique opportunity to stay up-to-date and to spread the distinct environmental approach in Sweden beyond our borders. In Sweden we work closely with the world of research, i.e. Luleå Technical University, YKI, SP etc.



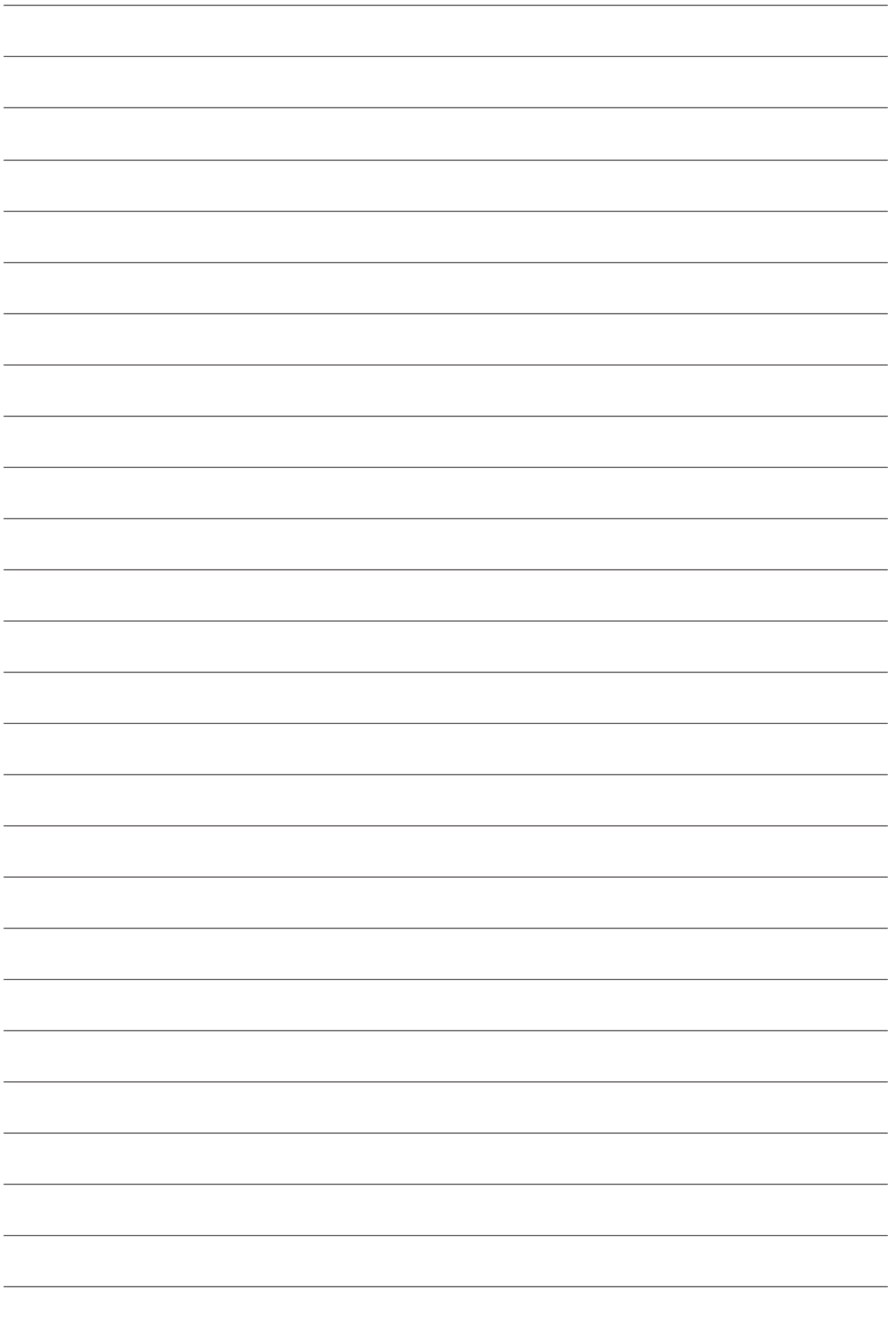


Cargo Oil AB
Brodalsvägen 5
SE-433 38 PARTILLE
Sweden

Phone: +46 (0)31 44 33 11
Fax: +46 (0)31 44 33 10
Email: forfragan@cargo-oil.se
www.cargo-oil.se

My notes

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We lubricate more

Cargo Oil AB manufacture and supply a broad range of products for workshops, assembling and producing industry, automotive, construction, marine, printing, elevators & lifts, cranes, and much more.

We offer a wide range of cleaning agents, hand soaps, corrosion protection, absorbents, metal working fluids, accessories, etc.

For details, contact us or visit our website at www.cargo-oil.se

You can always call us at **+46 31 44 33 11** or send your questions and requests to our e-mail address: forfragan@cargo-oil.se

You can find our products around the world and we have long experience with international clients and sales representatives. We always listen to your wishes and requests and will give you the best possible service and support. No matter where you are and what needs you have.



Cargo Oil AB • Brodalsvägen 5 • SE-433 38 PARTILLE
Phone: +46 31 44 33 11 • Fax: +46 31 44 33 10
E-mail: forfragan@cargo-oil.se
www.cargo-oil.se