



Marine lubrication

Product overview



A complete program of marine lubricants for yachts that covers everything you need for your boat with an inboard or outboard motor.

Cargo Oil have supplied lubricants lubricants to commercial shipping in over 30 years. Our products are rated to meet the requirements to be used from the tropical waters up to the North Atlantic sea.

To help you choose the right lubricant, we have also made a recommendation list for equipment from Yanmar, Mercury / Quicksilver and Volvo Penta. You can find the summary on the last page. Our products can also be used for other brands on the market.

Do you want a safe and secure lubrication of your boat then choose products from Cargo Oil Marine range!



Motor oil 4-stroke engines

MARINE FLEET OIL

Motor oil 10W-30, mineral

A multi-grade oil made of highly refined paraffinic oils with very high oxidation stability, that prevents wear, corrosion and pollution. The oil is designed for 4-stroke gasoline and diesel engines with or without turbo.

Technical data

SAE: 10W-30
Temperature range: -34°C – >220°C
API: SH/CF
ACEA: A2/B3
Volvo: VDS

MARINE POWER SYNTH

Motor oil 15W-40, semi-synthetic

A multi-grade oil composed of a mixture of synthetic oils, and highly refined mineral oils. Excellent cold-start properties and can withstand high loads. The oil is designed for 4-stroke gasoline and diesel engines with or without turbo.

Technical data

SAE: 15W-40
Temperature range: -38°C – >220°C
API: C1-4/CG-4/ CF-4/CF/SL
ACEA: 04-E7/ A3/B3/ B4
Volvo: VDS 3

MARINE FIRST

Motor oil 5W-40, synthetic

A multi-grade oil based on synthetic oils with very high oxidation stability and additive that prevents wear, corrosion and prevents coke formation. The oil is designed for 4-stroke gasoline and diesel engines with or without turbo.

Technical data

SAE grad(er): 5W-40
Temperature range: -42°C – >220°C
API: SL/CF
ACEA: 98-A3/B3
BMW: LL-04

MARINE SYNTH LL

Motor oil 5W-30, synthetic

A multi-grade oil made of synthetic base oils with very high quality, so-called LongLife-type, which ensures effective lubrication at varying operating temperatures and loads. Contains quality anti-wear additives that keep the engine clean from harmful waste products which prolongs both oil and engine life.

Technical data

SAE grad(er): 5W-30 LongLife
Temperature range: -35°C – >220°C
API: SM/CF
ACEA: 04-A3/B3, B4
BMV: LL-04

MARINE SYNTH HEAVY

Motor oil 20W-40, synthetic

A multi-grade oil made of synthetic base oils with very high quality, which ensures effective lubrication at varying operating temperatures and loads. Contains quality anti-wear additives that keep the engine clean from harmful waste products which prolongs both oil and engine life.

Technical data

SAE grad(er): 20W-40
Temperature range: -35°C – >220°C
API: SL/CF
ACEA: A3/B3

2-stroke engines

MARINE TWIN MINERAL

2-stroke oil, mineral

Two stroke oil designed for all-round use for two stroke engines on unleaded gasoline. The oil prevents the formation of combustion residues Marine Twin Minerals are smoke free. Provides no coatings, regardless of speed, which means the engine revs smoothly from having been a long time idling.

Technical data

Temperature range: -30°C – >105°C
API TC, JASO FB

MARINE TWIN BIO

Eco-friendly 2-stroke oil, synthetic

Environmentally friendly, synthetic oil designed for all-round use for two stroke engines on unleaded gasoline. The oil prevents the formation of combustion residues Marine Twin Minerals are smoke free. Provides no coatings, regardless of speed, which means the engine revs smoothly from having been a long time idling.

Technical data

Temperature range: -57°C – >150°C
API TC, JASO FD, ISO EGO

MARINE GEAR OIL GL4*Transmission fluid 80W-90*

Designed for gears working under very difficult conditions. The product is a mineral oil based, hypoid oil containing heavy EP additives. The oil has a very wide range of applications eg gearbox and gears and other applications where SAE 90/API GL-4 oil is recommended.

Technical data

SAE: 80W-90

Temperature range: -35°C – >220°C

API: GL4

MARINE GEAR OIL GL5*Transmission fluid 80W-90*

Designed for gears working under very difficult conditions. The product is a mineral oil based, hypoid oil containing heavy EP additives. The oil has a very wide range of applications eg gearbox and gears and other applications where SAE 90/API GL-5 oil is recommended.

Technical data

SAE: 80W-90

Temperature range: -29°C – >210°C

API: GL5

MARINE SYNTH GEAR*Transmission fluid 75W-90*

Water-resistant and self-climbing, synthetic gear oil designed to withstand high and low temperatures and severe operating conditions. The product contains well balanced additives and is designed for all types of gears and transmissions where an EP lubricant is recommended. The oil will not foam and is completely waterproof. The product's excellent pressure characteristics and the water resistance makes it very suitable for long drain intervals. Available in convenient tube package for gearbox housing outboard. API GL 5.

Technical data

SAE: 75W-90

Temperature range: -35°C – 180°C

API: GL5

MARINE ATF 3*Transmission fluid*

Dexron-type ATF fluid, designed for automatic transmissions. The product's excellent low and high temperature properties ensures excellent function under varying operating conditions. The product has a high oxidation stability resulting in extended drain intervals. The oil has low volatility and is gentle on all types of gaskets etc. Marine ATF 3 is recommended for all types of automatic transmissions and manual gearboxes where an ATF fluid is required.

Technical data

Temperature range: -45°C – >180°C

GM: DEXRON III-G

MARINE HYDRAULIC*Hydraulic fluid ISO 46*

Hydraulic fluid made of bright, highly refined paraffinic oils with high filter ability. The oil is designed for hydraulic systems operating under varying temperature conditions, all year round. A high viscosity index, together with very good shear stability for long life and adequate lubrication for long intervals. Contains additives that give the oil a very good wear protection. Recommended to all hydraulics working under demanding conditions with varying operating temperatures.

Technical data

ISO: 46

Viscosity at 40 °C: 46 mm²/sViscosity at 100 °C: 6.8 mm²/s

Temperature range: -30°C – 200°C

Classification: HLP DIN 51524

MARINE COMPRESSOR*Hydraulic fluid ISO 68*

The product is ashless which means that coke is not formed on the valves and pistons. The oil is temperature stable, which provides easy starting in winter and ensures cool operation summertime. The product is intended for most piston and vane compressors, blowers, variable speed and even some vacuum pumps.

Technical data

ISO: 68

Viscosity at 40 °C: 68 mm²/sViscosity at 100 °C: 9.3 mm²/s

Temperature range: -25°C – 200°C

Classification: HLP DIN 51524

LUBRICANTS

MARINE WATERPROOF

Bearing lubricant

Calcium grease based on paraffinic mineral oil. The grease is developed to cover a very wide range and is designed for all type of lubrication in which a strongly adherent grease with long-term effect is desired. Marine Waterproof has very good mechanical stability and can withstand heavy loads and shock loads. The product is highly water resistant. Contains anti-corrosion and anti-wear additives.

Technical data

NLGI 2

Base oil: Mineral oil

Temperature range: -30 – +120 °C

Colour: Red

MARINE SYNTH GREASE

Synthetic bearing lubricant

Marine Synth Grease is a complex grease and are based on synthetic base oils. The grease is extremely water resistant and is a great choice for a wide range of applications. Withstands high loads and temperatures. Resistant to many solvents, acids, etc., and has very good mechanical stability. Excellent for shaft bushings, gear lubrication and propeller shaft grease etc.

Technical data

NLGI 2

Base oil: Synthetic

Temperature range: -25 – +260 °C

Colour : Light brown

AEROSOLS

MARINE CM-50

Penetration universal lubricant (Aerosol)

Based on oils with very high viscosity index, which ensures lubrication over a considerably wider temperature range than for other lubricants. Effective in removing water and moisture and prevents arcing damage. Provides long-term protection against corrosion. Neutralizes acidic and corrosive surfaces . Contains PTFE in selected sizes and surface textures and ultra modern nanotechnology additives for coating all surfaces and provides extremely low friction and long lasting lubrication even under extreme conditions. Extremely large dielectric constant.

Technical data

Temperature range: -60 – 270 °C

Aerosol

MARINE DG-100

Degreaser (Aerosol)

User-friendly and quick-drying degreaser / cleaner that dissolves most types of oils, greases, waxes and adhesives. Can be used for removal of labels, cleaning of brakes and brake parts, and much more. Excellent for degreasing surfaces before gluing. Solves most stains that are caused by petroleum products. Can dissolve some paints and plastics. Try gently in a place that is not eye-catching.

Technical data

Temperature range: -40 – 80 °C

Aerosol

MARINE SYNTH GREASE

Synthetic smörjfett (Aerosol)

Marine Synth Grease in an aerosol can. More product information can be found at Marine Synth Grease in "LUBRICATION".

Technical data

Temperature range: -25 – 260 °C

Aerosol

ABSORBENTS

KÖLVINSKÖRV

Put in the bilge space under the floor to absorb all types of petroleum products in the bilge water. Floats on water. Equipped with practical anchor loop.

Technical data

Size ca 36 x 7,5 cm

Absorption capacity: ca 1 litre oil/ pcs.

FUEL PAD

For protection against foaming and overflow. Prevents spills and splashes of fuel on the hull and in to the water. Suitable for all petroleum products. Reusable.

Technical data

Size 25 x 20 cm.

Absorption capacity: ca 0,2 litre oil/ pcs.

ABSORBENT SHEET

Absorbs all types of oil, gasoline, diesel, and petroleum-based products.

Technical data

Size 40 x 50 cm.

Absorption capacity: ca 0,8 litre oil/ pcs.

ABSORBENT KIT

Contains 1 pcs Kölsvinskorv, 1pcs Fuel Pad och 1 pcs Absorbent Sheet

Technical data

See above

Recommendation list*

Yanmar

ENGINE MODEL	Volume (l)	OIL NR
SB 8/12	2,8/3,5	1
YSE 8/12	1,9/3,3	1
YSB 8/12	1,9/3,3	1
YSM 8/12	1,9/3,3	1
2QM15	2,5	1
2QM20	5,1	1
3QM30	7,0	1
1GM	1,3	2
2GM	2,0	2
3GM	2,7	2
3HM	5,5	2
1GM10	1,5	2
2YM15	2,0	1 or 2
2GM20 (F)	2,0	2
3YM20	2,5	1 or 2
3YM30	2,8	1 or 2
3GM30 (F)	2,5	2
3HM35 (F)	5,5	2
4JHE/ 4JHBE/ 4JH-TE/ 4JH-TBE/ 4JH-HTE/ 4JH-HTBE	6,5/ 7,0	2
4JHE/ 4JHBE/ 4JH-TE/ 4JH-TBE/ 4JH-HTE/ 4JH-HTBE	6,5/ 7,0	2
4JH-DET/ 4JH-DTBE/ 4JM-TE	8,0/ 7,0	2
3JH2E/ 3JH2BE/ 3JH2-TE/ 3JH2-TBE	4,9	2
4JH2E/ 4JH2BE/ 4JH2-TE/ 4JH3-TBE/ 4JH2-HTE/ 4JH2-DET/ 4JH2-DTBE/ 4JH2-UTE/ 4JH2-YTBE	7,0	2
3JH3E / 3JH3BE	5,3	1
4JH3E/ 4JH3BE	5,6	1
4JH3-TE/ 4JH3-TBE / 4JH3-HTE/ 4JG3-HTE/ 4JH3-HTBE/ 4JH3-HTHE/ 4JH3-DTE	7,0	1
3JH4-E	5,5	1 or 2
4JH4-E	6,5	1 or 2
4JH4-TE/ 4JH4-HTE	6,4	1 or 2
4LH-TE/ 4LH-HTE/ 4LHA-HTTP/ 4LH-DET/ 4LHA-DTP/ 4LH-STE/ 4LHA-STP	10,0	1 or 2
4BY150/ 4BY180	8,0	3 or 4
6BY220/ 6BY260	11,0	4
6LP-DET/ 6LPA-DTP	10,0	2
6LP-STE/ 6LPA-STP	10,5	2
6LY-UTE/ 6LYA-UTE/ 6LY-STE/ 6LYA-STE/ 6LYA-STP/ 6LY2A-STP/ 6LY2-STE/ 6LY2A-STE/ 6LY2A-STP	20,0	2
6LY3-ETP/ 6LY3-STP/ 6LY3-UTP	18,8	2
6CX-ETE	23,0	2
6CX-GTE/ 6CX-GTE2	22,0	2

TRANSMISSION	Volume (l)	OIL NR
KBW 10E	0,70	7
HBW 150	0,75	7
KBW 20/ KBW20-1	1,20	7
KBW 21	1,20	7
ZF 30 M		7
KM2P	0,30	As in engine
KM3A-1/ KM35A/ KM35A2	0,45	As in engine
KM3P/ KM3P4/ KM35P	0,35	As in engine
KM3V	0,80	1
KM4A/ KM4A-1	1,30	1
KM5A	2,10	1
HSW 630A1/ ZF 63A	4,50	7
KMH4A	2,00	8
KMH6A/ KMH6A-1	4,00	8
SD20/ SD 31	2,2 /2, 6	6
SD40	1,8/ 2,6	6
SD40-T	2,1/2,6	6
YX-70S	5,00	8
ZT-350	2,5	6

Mercury - Quicksilver

ENGINE MODEL	OIL NR
All Mercruiser inboard engines	5
4-stroke outboard engines	3
2-stroke outboard engines	12 or 13

TRANSMISSION	OIL NR
Alpha One	6
Bravo one	6
Bravo Two	6
Bravo Three	6

* Our products also fit other brands on the market.

Volvo Penta

ENGINE MODEL	Volume (l)	OIL NR
Petrol engines		
All 3.0 Petrol engines	3,3	1 or 2
All 4.3 Petrol engines	3,8	1 or 2
All 5.0 Petrol engines before 2002	4,7	1 or 2
All 5.7 Petrol engines before 2002	4,7	1 or 2
All 8.1 Petrol engines before 2002	6,2	1 or 2
GXi V8, V6 after 2002	4-6,5	5
Diesel engines		
D1-13	1,9	2
D1-20	2,8	2
D1-30	3,5	2
D2-40	6,5	2
D3	6,5	2
D4	12,5	2
D5	14,0	2
D6	20,0	2
D7	23,0	2
D9	38,0	2
D11	38,0	2
D12	56,0	2
D13	45,0	2
D16	49,0	2
D25A-MS/ -MT/ D30A-MS/ -MT	160,0	2

TRANSMISSION	OIL NR
SingleProp	
AQ 100/ 100A	10 or 11
AQ 100B/ 200/ 250/ 270/ 275/ 280/ 285/ 290/ SP-A/ SP-A1/ SP-A2/ SP-C/ SP-C1	As in engine
DuoProp	
DP-A/ DP-A1/ DP-A2/ DP-B/ DP-B1/ DP-C/ DP-C1/ DP-D/ DP-D1/ DP-E/ DP-G	6
DP-G/ DP-H/ DP-R	6
SX-A/ DP-S	6
S-växlar	
100S/ 110S/ 120S/ 120S-B/ 120S-C/ 120S-D/ MS25S	As in engine
120S-E	10 or 11
MS25S/ MS25SR/ 130R/ 130S/& 150S/ 150R	7
Backslag	
RB/ MS/ MS2/ MS2B/ MS2L-D/ MS2A-D/ MS3/ MS3A/ MS3B/ MS3C	As in engine
MS10A/ MS10L/ MS15A/ MS15L/ MS25A/ MS25L/ ZF (small)	As in engine or 7
MS2L-E/ nMS2A-E/ MS4/ MS5	6
HS1/ PRM	As in engine
HS25A/ HS45A/ HS45V/ HS63A/ HS63AE/ HS63V/ HS63VE/ HS80AE/ HS80VE	7
ZF (stor)/ IRM/ MOM	SAE 30
Twin disc (65-85 g)	SAE 40
Twin disc (85-100 g)	SAE 50

Recommendation key CARGO MARINE Lubricants

- 1** Marine Fleet 10W-30
- 2** Marine Power Synth 15W-40
- 3** Marine First 5W-40
- 4** Marine Synth Oil 5W-30 LL
- 5** Marine Synth Oil 20W-40
- 6** Marine Synth Gear 75W-90
- 7** Marine ATF 3
- 8** Marine Hydraulic 46
- 9** Marine Compressor Oil 68
- 10** Marine Gear Oil GL4 80W-90
- 11** Marine Gear Oil GL5 80W-90
- 12** Marine PolyTwin Mineral
- 13** Marine PolyTwin BIO
- 14** Marine CM-50

OTHERS	Volume (l)	OIL NR
Trim	0,47	7
Thruster	0,25	7
Compressor KAD and KAMD engines	0,25	9
Hydraulic steering, power DPX	1,00	8
Servo (not DPX)	1,00	7
Power Trim	1,00	7
Electrical Equipment	400 ml	14

If you need larger packaging or other types of lubricants and absorbents, please contact us.

As a Swedish independent lubricant companies with experience in many industries, we always have the possibility to develop the product you need.



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