

MAXFLUID

# Marine Lubricants Equivalency Guide 2026

A reference cross-reference of technically comparable marine lubricants from major international brands

**2026**

Edition

**12**

Product families

**8**

Major brands covered

Use this guide to identify technically comparable marine lubricants across major international brands. Always confirm OEM approval before substituting any product on board. For questions or bulk supply enquiries, contact [contact@maxfluidoil.com](mailto:contact@maxfluidoil.com) or call **0311-0828790**.

## Browse by Category

- |                                           |                                                      |
|-------------------------------------------|------------------------------------------------------|
| 01 Cylinder Oils                          | 07 Gear Oils (CKD / EP)                              |
| 02 Trunk Piston Engine Oils (TPEO)        | 08 Turbine Oils (R&O)                                |
| 03 System / Crankcase Oils                | 09 Air Compressor Oils (Reciprocating / Piston Type) |
| 04 Multigrade Marine Engine Oils (15W-40) | 10 Synthetic (PAO) Air Compressor Oils               |
| 05 Regular Hydraulic Oils (AW / HLP)      | 11 POE Refrigeration Compressor Oils                 |
| 06 HVI Hydraulic Oils (HVLP / HV)         | 12 Marine Greases                                    |

## Brands Covered

Shell · ExxonMobil · TotalEnergies · Chevron · Castrol · Sinopec · Gulf · Lukoil

Lukoil equivalents are listed for cylinder, trunk piston, system, multigrade and gear oils. A dash (—) means no comparable product is listed for that brand.

**ExxonMobil****SINOPEC****LUKOIL**

## CATEGORY 01

## Cylinder Oils — 2-Stroke Crosshead Engines

Used for lubrication of cylinder liners and piston rings in 2-stroke slow-speed crosshead engines. TBN selection depends on fuel sulphur content.

| MAXFLUID                                                        |  | ExxonMobil     |  |  |  | SINOPEC            |  | LUKOIL              |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|---------------------|
| High TBN Grades — For High Sulphur Fuel Oil (HSFO) >2.5% S      |                                                                                   |                |                                                                                   |                                                                                     |                                                                                     |                    |                                                                                     |                     |
| <b>Cylinder L140</b><br>SAE 60 · TBN 140                        | Alexia 140                                                                        | —              | Talusia HR 140                                                                    | Taro Ultra 140(A)                                                                   | Cyltech 140f                                                                        | Cylinder Oil 50140 | Cylcare XP 50140                                                                    | —                   |
| <b>Cylinder L100</b><br>SAE 50 · TBN 100                        | Alexia 100                                                                        | Mobilgard 5100 | Talusia Universal 100                                                             | Taro Ultra 100                                                                      | Cyltech 100f                                                                        | Cylinder Oil 50100 | Cylcare 50100                                                                       | Navigo Cylinder 100 |
| <b>Cylinder L70</b><br>SAE 50 · TBN 70                          | Alexia 70                                                                         | Mobilgard 570  | Talusia HR 70                                                                     | Taro Ultra 70                                                                       | Cyltech 70f                                                                         | Cylinder Oil 5070S | Cylcare DCA 5070                                                                    | Navigo Cylinder 70  |
| Mid-TBN Grades — For 0.5%–2.5% Sulphur Fuels (VLSFO-compatible) |                                                                                   |                |                                                                                   |                                                                                     |                                                                                     |                    |                                                                                     |                     |
| <b>Cylinder Super S4</b><br>SAE 50 · TBN 60                     | Alexia S4                                                                         | —              | Talusia Universal SAE 57                                                          | Taro Ultra 70                                                                       | —                                                                                   | Cylinder Oil 5080S | Cylcare EHP 5055                                                                    | —                   |
| <b>Cylinder L40</b><br>SAE 50 · TBN 40                          | Alexia 40                                                                         | Mobilgard 540  | Talusia LS 40                                                                     | Taro Special HT LS 40                                                               | Cyltech 40SX                                                                        | Cylinder Oil 5040  | Cylcare DCA 5040H                                                                   | Navigo Cylinder 40  |
| Low-TBN Grades — For Ultra-Low Sulphur Fuel (ULSFO/MGO) <0.1% S |                                                                                   |                |                                                                                   |                                                                                     |                                                                                     |                    |                                                                                     |                     |
| <b>Cylinder L25</b><br>SAE 50 · TBN 25                          | Alexia 25                                                                         | Mobilgard 525  | —                                                                                 | Taro Special HT LF                                                                  | —                                                                                   | Cylinder Oil 5025  | Cylcare ECA 50                                                                      | Navigo Cylinder 25  |
| <b>Cylinder LS</b><br>SAE 50 · TBN 40 (LS)                      | Alexia LS                                                                         | —              | —                                                                                 | —                                                                                   | —                                                                                   | —                  | —                                                                                   | —                   |

## CATEGORY 02

## Trunk Piston Engine Oils (TPEO)

For 4-stroke medium and high speed diesel engines where lube oil also lubricates piston rings, liner, bearings and crankcase.

| MAXFLUID                                                                                                                                                                                                  |  | ExxonMobil     |  |  |  | SINOPEC                  |  | LUKOIL         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|----------------|
| Extra-high-performance trunk piston engine oils formulated with the latest additive detergent technology to help protect against deposits in piston undercrowns, crankcases, ring belt and camshaft areas |                                                                                     |                |                                                                                     |                                                                                       |                                                                                       |                          |                                                                                       |                |
| <b>Marine Piston S3 30</b><br>SAE 30 · TBN 30                                                                                                                                                             | Argina S3 30                                                                        | Mobilgard M330 | Aurelia TI 3030                                                                     | Taro 30 DP 30                                                                         | Castrol TLX 3-30                                                                      | Marine Trunk Piston 3030 | Power 3030                                                                            | Navigo MC 3030 |

# Marine Lubricants Equivalency Guide 2026

| MAXFLUID                                      |  | ExxonMobil     |  |  |  | SINOPEC                  |  | LUKOIL         |
|-----------------------------------------------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|----------------|
| <b>Marine Piston S3 40</b><br>SAE 40 · TBN 30 | Argina S3 40                                                                      | Mobilgard M430 | Aurelia TI 4030                                                                   | Taro 30 DP 40                                                                       | Castrol TLX 3-40                                                                    | Marine Trunk Piston 4030 | Power 4030                                                                          | Navigo MC 4030 |
| SAE 40 · High TBN ≥ 40                        |                                                                                   |                |                                                                                   |                                                                                     |                                                                                     |                          |                                                                                     |                |
| <b>Marine Piston S4 40</b><br>SAE 40 · TBN 40 | Argina S4 40                                                                      | Mobilgard M440 | Aurelia TI 4040                                                                   | Taro 40 XL 40                                                                       | Castrol TLX 4-40                                                                    | Marine Trunk Piston 4040 | Power 4040                                                                          | Navigo MC 4040 |
| <b>Marine Piston T340</b><br>SAE 40 · TBN 40  | —                                                                                 | Mobilgard M420 | Aurelia TI 3040                                                                   | —                                                                                   | —                                                                                   | Medium Speed Engine 3040 | Power 3040                                                                          | —              |
| <b>Marine Piston S5 40</b><br>SAE 40 · TBN 55 | Argina S5 40                                                                      | Mobilgard M50  | Aurelia TI 4055                                                                   | Taro 50 XL 40                                                                       | Castrol TLX 5-40                                                                    | —                        | Power 4055                                                                          | Navigo MC 4055 |
| SAE 30 · Low TBN (MDO-capable)                |                                                                                   |                |                                                                                   |                                                                                     |                                                                                     |                          |                                                                                     |                |
| <b>Protevia S3 30</b><br>SAE 30 · TBN 15      | Gadinia S3 30                                                                     | Mobilgard 312  | Disola M 3012                                                                     | Delo 1000 Marine 30                                                                 | MHP 153                                                                             | Marine Trunk Piston 3012 | Power MDO 3015                                                                      | —              |
| <b>Protevia S3 40</b><br>SAE 40 · TBN 15      | Gadinia S3 40                                                                     | Mobilgard 412  | Disola M 4015                                                                     | Delo 1000 Marine 40                                                                 | MHP 154                                                                             | Marine Trunk Piston 4012 | Power MDO 4015                                                                      | —              |
| <b>Marine Piston S2 30</b><br>SAE 30 · TBN 20 | Argina S2 30                                                                      | —              | Disola M 3015                                                                     | Taro 20 DP 30                                                                       | Castrol TLX 2-30                                                                    | —                        | Power MDO 3020                                                                      | —              |
| <b>Marine Piston S2 40</b><br>SAE 40 · TBN 20 | Argina S2 40                                                                      | —              | Disola M 4015                                                                     | Taro 20 DP 40                                                                       | Castrol TLX 2-40                                                                    | —                        | Power MDO 4020                                                                      | —              |

## CATEGORY 03

### System / Crankcase Oils — 2-Stroke Crosshead Engines

Circulating oil for crankcase, bearings, camshaft and stuffing box on 2-stroke slow-speed crosshead engines. Typically SAE 30, low TBN ≈ 6–8.

| MAXFLUID                                    |  | ExxonMobil     |  |  |  | SINOPEC         |  | LUKOIL         |
|---------------------------------------------|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|----------------|
| <b>Marine System S 30</b><br>SAE 30 · TBN 5 | Melina S 30                                                                         | Mobilgard 300C | Atlanta Marine D 3005                                                               | Veritas 800A Marine 30                                                                | Castrol CDX 30f                                                                       | System Oil 3005 | SuperBear 3006                                                                        | Navigo MS 3006 |

## CATEGORY 04

## Multigrade Marine Engine Oils (15W-40)

For use in auxiliary diesel engines, gensets, and vessels operating on Marine Diesel Oil (MDO/MGO). API CI-4 / CH-4 multigrade performance.

| MAXFLUID                                       |  |  |  |  |  |  |  |  |
|------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Marine Gold 15W-40</b><br>15W-40 · API CI-4 | Rimula R4 L 15W-40                                                                | Mobilgard HSD 15W-40                                                              | Disola W 15W-40                                                                   | Delo 400 MGX SAE 15W-40                                                             | CRB Multi 15W-40 CI-4/E7                                                            | Tulux T500 15W-40                                                                   | Power MX 15W-40                                                                     | Genesis Universal 15W-40                                                            |

## CATEGORY 05

## Regular Hydraulic Oils (AW / HLP) — ISO VG 22 to 150

Anti-wear hydraulic oils for marine hydraulic systems, deck machinery, hatch covers, steering gear, and thrusters. DIN 51524 Part 2 HLP compliant.

| MAXFLUID                             |  |  |  |  |  |  |  |
|--------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>MaxHydro HD 22</b><br>ISO VG 22   | Tellus S2 MX 22                                                                   | Mobil DTE 24                                                                      | Azolla ZS 22                                                                       | —                                                                                   | Hyspin AWS 22                                                                       | —                                                                                   | Harmony AW 22                                                                       |
| <b>MaxHydro HD 32</b><br>ISO VG 32   | Tellus S2 MX 32                                                                   | Mobil DTE 25                                                                      | Azolla ZS 32                                                                       | Rando HD 32                                                                         | Hyspin AWS 32                                                                       | AE Hydraulic Oil HC 32                                                              | Harmony AW 32                                                                       |
| <b>MaxHydro HD 46</b><br>ISO VG 46   | Tellus S2 MX 46                                                                   | Mobil DTE 26                                                                      | Azolla ZS 46                                                                       | Rando HD 46                                                                         | Hyspin AWS 46                                                                       | AE Hydraulic Oil HC 46                                                              | Harmony AW 46                                                                       |
| <b>MaxHydro HD 68</b><br>ISO VG 68   | Tellus S2 MX 68                                                                   | Mobil DTE 27                                                                      | Azolla ZS 68                                                                       | Rando HD 68                                                                         | Hyspin AWS 68                                                                       | AE Hydraulic Oil HC 68                                                              | Harmony AW 68                                                                       |
| <b>MaxHydro HD 100</b><br>ISO VG 100 | Tellus S2 MX 100                                                                  | Mobil DTE 28                                                                      | Azolla ZS 100                                                                      | Rando HD 100                                                                        | Hyspin AWS 100                                                                      | AE Hydraulic Oil HC 100                                                             | Harmony AW 100                                                                      |
| <b>MaxHydro HD 150</b><br>ISO VG 150 | —                                                                                 | —                                                                                 | Azolla ZS 150                                                                      | Rando HD 150                                                                        | Hyspin AWS 150                                                                      | —                                                                                   | Harmony AW 150                                                                      |

# Marine Lubricants Equivalency Guide 2026

## CATEGORY 06

## HVI Hydraulic Oils (HVLP / HV) — ISO VG 15 to 150

High Viscosity Index hydraulic oils for marine applications with wide temperature range — steering gear, controllable pitch propeller systems, offshore machinery. DIN 51524 Part 3 HVLP.

| MAXFLUID                              |  | ExxonMobil             |  |  |  | SINOPEC                   |  |
|---------------------------------------|-----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|
| <b>MaxHydro HDZ 15</b><br>ISO VG 15   | Tellus S2 VX 15                                                                   | Mobil DTE 10 Excel 15  | Equivis ZS 15 / VISGA 15                                                            | Rando HDZ 15                                                                        | Hyspin AWH-M 15                                                                     | —                         | Hydraulic HVI Plus 15                                                               |
| <b>MaxHydro HDZ 22</b><br>ISO VG 22   | Tellus S2 VX 22                                                                   | Mobil DTE 10 Excel 22  | Equivis ZS 22 / VISGA 22                                                            | Rando HDZ 22                                                                        | Hyspin AWH-M 22                                                                     | —                         | Hydraulic HVI Plus 22                                                               |
| <b>MaxHydro HDZ 32</b><br>ISO VG 32   | Tellus S2 VX 32                                                                   | Mobil DTE 10 Excel 32  | Equivis ZS 32 / VISGA 32                                                            | Rando HDZ 32                                                                        | Hyspin AWH-M 32                                                                     | L-HM 32 HPC Hydraulic Oil | Hydraulic HVI Plus 32                                                               |
| <b>MaxHydro HDZ 46</b><br>ISO VG 46   | Tellus S2 VX 46                                                                   | Mobil DTE 10 Excel 46  | Equivis ZS 46 / VISGA 46                                                            | Rando HDZ 46                                                                        | Hyspin AWH-M 46                                                                     | L-HM 46 HPC Hydraulic Oil | Hydraulic HVI Plus 46                                                               |
| <b>MaxHydro HDZ 68</b><br>ISO VG 68   | Tellus S2 VX 68                                                                   | Mobil DTE 10 Excel 68  | Equivis ZS 68 / VISGA 68                                                            | Rando HDZ 68                                                                        | Hyspin AWH-M 68                                                                     | L-HM 68 HPC Hydraulic Oil | Hydraulic HVI Plus 68                                                               |
| <b>MaxHydro HDZ 100</b><br>ISO VG 100 | Tellus S2 VX 100                                                                  | Mobil DTE 10 Excel 100 | Equivis ZS 100 / VISGA 100                                                          | Rando HDZ 100                                                                       | Hyspin AWH-M 100                                                                    | —                         | Hydraulic HVI Plus 100                                                              |
| <b>MaxHydro HDZ 150</b><br>ISO VG 150 | —                                                                                 | Mobil DTE 10 Excel 150 | Equivis ZS 150 / VISGA 150                                                          | —                                                                                   | Hyspin AWH-M 150                                                                    | —                         | Hydraulic HVI Plus 150                                                              |

## CATEGORY 07

## Gear Oils (CKD / EP) — ISO VG 68 to 680

Extreme pressure gear oils for enclosed gearboxes, reduction gears, winch gears, and propulsion systems. ISO L-CKD classification, DIN 51517 Part 3 CLP.

| MAXFLUID                               |  | ExxonMobil           |  |  |  | SINOPEC            |  | LUKOIL             |
|----------------------------------------|-------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|--------------------|
| <b>GearTech S2 G 68</b><br>ISO VG 68   | Omala S2 G 68                                                                       | Mobilgear 600 XP 68  | Epona Z 68                                                                          | Meropa EP 68                                                                          | Alpha SP 68                                                                           | L-CKD 68 Gear Oil  | Gear Oil 68                                                                           | Navigo Gear SP 68  |
| <b>GearTech S2 G 100</b><br>ISO VG 100 | Omala S2 G 100                                                                      | Mobilgear 600 XP 100 | Epona Z 100                                                                         | Meropa EP 100                                                                         | Alpha SP 100                                                                          | L-CKD 100 Gear Oil | Gear Oil 100                                                                          | Navigo Gear SP 100 |
| <b>GearTech S2 G 150</b><br>ISO VG 150 | Omala S2 G 150                                                                      | Mobilgear 600 XP 150 | Epona Z 150                                                                         | Meropa EP 150                                                                         | Alpha SP 150                                                                          | L-CKD 150 Gear Oil | Gear Oil 150                                                                          | Navigo Gear SP 150 |
| <b>GearTech S2 G 220</b><br>ISO VG 220 | Omala S2 G 220                                                                      | Mobilgear 600 XP 220 | Epona Z 220                                                                         | Meropa MG 220                                                                         | Alpha SP 220                                                                          | L-CKD 220 Gear Oil | Gear Oil 220                                                                          | Navigo Gear SP 220 |

# Marine Lubricants Equivalency Guide 2026

| MAXFLUID                               |  | ExxonMobil           |  |  |  | SINOPEC            |  | LUKOIL             |
|----------------------------------------|-----------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------|
| <b>GearTech S2 G 320</b><br>ISO VG 320 | Omala S2 G 320                                                                    | Mobilgear 600 XP 320 | Epona Z 320                                                                       | Meropa EP 320                                                                       | Alpha SP 320                                                                        | L-CKD 320 Gear Oil | Gear Oil 320                                                                        | Navigo Gear SP 320 |
| <b>GearTech S2 G 460</b><br>ISO VG 460 | Omala S2 G 460                                                                    | Mobilgear 600 XP 460 | Epona Z 460                                                                       | Meropa EP 460                                                                       | Alpha SP 460                                                                        | L-CKD 460 Gear Oil | Gear Oil 460                                                                        | Navigo Gear SP 460 |
| <b>GearTech S2 G 680</b><br>ISO VG 680 | Omala S2 G 680                                                                    | Mobilgear 600 XP 680 | Epona Z 680                                                                       | Meropa EP 680                                                                       | Alpha SP 680                                                                        | L-CKD 680 Gear Oil | Gear Oil 680                                                                        | Navigo Gear SP 680 |

## CATEGORY 08

### Turbine Oils (R&O) — ISO VG 32 to 100

Rust and oxidation inhibited turbine oils for steam turbines, gas turbines, turbochargers, and centrifugal pumps. ISO L-TSA / DIN 51515.

| MAXFLUID                          |  | ExxonMobil           |  |  |  | SINOPEC            |  |
|-----------------------------------|-----------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|
| <b>Turbex T 32</b><br>ISO VG 32   | Turbo T 32                                                                        | Mobil DTE Oil Light  | Preslia 32                                                                         | Regal R&O 32                                                                        | Perfecto T 32                                                                       | TSA 32 Turbine Oil | Turbine Oil 32                                                                      |
| <b>Turbex T 46</b><br>ISO VG 46   | Turbo T 46                                                                        | Mobil DTE Oil Medium | Preslia 46                                                                         | Regal R&O 46                                                                        | Perfecto T 46                                                                       | TSA 46 Turbine Oil | Turbine Oil 46                                                                      |
| <b>Turbex T 68</b><br>ISO VG 68   | Turbo T 68                                                                        | Mobil DTE Oil H/M    | Preslia 68                                                                         | Regal R&O 68                                                                        | Perfecto T 68                                                                       | TSA 68 Turbine Oil | Turbine Oil 68                                                                      |
| <b>Turbex T 100</b><br>ISO VG 100 | Turbo T 100                                                                       | Mobil DTE Oil Heavy  | Preslia 100                                                                        | Regal R&O 100                                                                       | Perfecto X 100                                                                      | —                  | Turbine Oil 100                                                                     |

## CATEGORY 09

### Air Compressor Oils (Reciprocating / Piston Type)

Mineral-based oils for reciprocating air compressors used in marine starting air systems, deck air tools, and general service compressors. ISO VG 32–150.

| MAXFLUID                                         |  | ExxonMobil      |  |  |  | SINOPEC                     |  |
|--------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|
| <b>MaxFluid Compressor Oil P 32</b><br>ISO VG 32 | Corena S3 R 32                                                                      | Mobil Rarus 424 | Dacnis 32                                                                            | Cetus DE 32                                                                           | Aircol CM 32                                                                          | —                           | —                                                                                     |
| <b>MaxFluid Compressor Oil P 46</b><br>ISO VG 46 | Corena S3 R 46                                                                      | Mobil Rarus 425 | Dacnis 46                                                                            | —                                                                                     | Aircol CM 46                                                                          | L-DAB Air Compressor Oil 46 | —                                                                                     |

| MAXFLUID                                           |  | ExxonMobil      |  |  |  | SINOPEC                      |  |
|----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|
| <b>MaxFluid Compressor Oil P 68</b><br>ISO VG 68   | Corena S3 R 68                                                                    | Mobil Rarus 426 | Dacnis 68                                                                           | Cetus DE 68                                                                         | Aircol CM 68                                                                        | L-DAB Air Compressor Oil 68  | —                                                                                   |
| <b>MaxFluid Compressor Oil P 100</b><br>ISO VG 100 | —                                                                                 | Mobil Rarus 427 | Dacnis 100                                                                          | Cetus DE 100 / Cetus VDL 100                                                        | Aircol CM 100                                                                       | L-DAB Air Compressor Oil 100 | Compressor Oil 100                                                                  |
| <b>MaxFluid Compressor Oil P 150</b><br>ISO VG 150 | —                                                                                 | Mobil Rarus 429 | Dacnis 150                                                                          | Cetus DE 150                                                                        | Aircol CM 150                                                                       | L-DAB Air Compressor Oil 150 | Compressor Oil 150                                                                  |

## CATEGORY 10

## Synthetic (PAO) Air Compressor Oils — Rotary Screw / Vane

Full-synthetic PAO-based oils for rotary screw and rotary vane compressors. Extended drain intervals, superior oxidation resistance. ISO L-DAJ.

| MAXFLUID                                           |  | ExxonMobil     |  |  |  | SINOPEC                    |  |
|----------------------------------------------------|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|
| <b>Max Compressol S4 R 32</b><br>PAO · ISO VG 32   | Corena S4 R 32                                                                    | Rarus SHC 1024 | —                                                                                   | Cetus PAO 32                                                                        | Aircol SR 32                                                                        | 4506 Syn Compressor Oil 32 | —                                                                                   |
| <b>Max Compressol S4 R 46</b><br>PAO · ISO VG 46   | Corena S4 R 46                                                                    | Rarus SHC 1025 | Dacnis SH 46                                                                        | Cetus PAO 46                                                                        | Aircol SR 46                                                                        | 4506 Syn Compressor Oil 46 | Synth Compressor Oil 46                                                             |
| <b>Max Compressol S4 R 68</b><br>PAO · ISO VG 68   | Corena S4 R 68                                                                    | Rarus SHC 1026 | Dacnis SH 68                                                                        | Cetus PAO 68                                                                        | Aircol SR / SN 68                                                                   | 4506 Syn Compressor Oil 68 | Synth Compressor Oil 68                                                             |
| <b>Max Compressol S4 R 100</b><br>PAO · ISO VG 100 | Corena S4 R 100                                                                   | —              | Dacnis SH 100                                                                       | Cetus PAO 100                                                                       | Aircol SN 100                                                                       | —                          | Synth Compressor Oil 100                                                            |
| <b>Max Compressol S4 R 150</b><br>PAO · ISO VG 150 | —                                                                                 | —              | —                                                                                   | Cetus PAO 150                                                                       | —                                                                                   | —                          | Synth Compressor Oil 150                                                            |

# Marine Lubricants Equivalency Guide 2026

## CATEGORY 11

### POE Refrigeration Compressor Oils — HFC / HFO Systems

Polyol Ester (POE) synthetic oils fully miscible with HFC refrigerants (R134a, R404A, R407C, R410A, R507). For modern marine refrigeration and AC systems.

| MAXFLUID                                    |  | ExxonMobil     |  |  |  | SINOPEC                    |  |
|---------------------------------------------|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|
| <b>Chill Oil FR 22</b><br>ISO VG 22 · POE   | —                                                                                 | EAL Arctic 22  | —                                                                                   | —                                                                                   | Aircol SW 22                                                                        | —                          | —                                                                                   |
| <b>Chill Oil FR 32</b><br>ISO VG 32 · POE   | Refr Oil S4 FR-F 32                                                               | EAL Arctic 32  | Planetelf ACD 32                                                                    | Capella HFC 32                                                                      | Aircol SW 32                                                                        | 4524 Syn Refr Compr Oil 32 | PE Cooloil 32                                                                       |
| <b>Chill Oil FR 46</b><br>ISO VG 46 · POE   | Refr Oil S4 FR-F 46                                                               | EAL Arctic 46  | Planetelf ACD 46                                                                    | Capella HFC 55                                                                      | Aircol SW 46                                                                        | —                          | PE Cooloil 46                                                                       |
| <b>Chill Oil FR 68</b><br>ISO VG 68 · POE   | Refr Oil S4 FR-F 68                                                               | EAL Arctic 68  | Planetelf ACD 68                                                                    | Capella HFC 68                                                                      | Aircol SW 68                                                                        | 4524 Syn Refr Compr Oil 68 | PE Cooloil 68                                                                       |
| <b>Chill Oil FR 100</b><br>ISO VG 100 · POE | Refr Oil S4 FR-F 100                                                              | EAL Arctic 100 | Planetelf ACD 100FY                                                                 | Capella HFC 100                                                                     | Aircol SW 100                                                                       | —                          | PE Cooloil 100                                                                      |
| <b>Chill Oil FR 170</b><br>ISO VG 170 · POE | —                                                                                 | —              | Planetelf ACD 150FY                                                                 | Capella HFC 170                                                                     | Aircol SW 170                                                                       | —                          | PE Cooloil 170                                                                      |
| <b>Chill Oil FR 220</b><br>ISO VG 220 · POE | Refr Oil S4 FR-F 220                                                              | EAL Arctic 220 | Planetelf ACD 220FY                                                                 | Capella HFC 220                                                                     | Aircol SW 220                                                                       | —                          | PE Cooloil 220                                                                      |

## CATEGORY 12

### Marine Greases — EP Lithium & Specialty

Multipurpose and specialty greases for marine deck machinery, windlass, anchor chain, wire rope, bow thruster seals, and general marine service.

| MAXFLUID                                                 |  | ExxonMobil                  |  |  |  | SINOPEC                      |  |
|----------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|
| <b>Max Multipurpose EP 320</b><br>Open Gear / Wire Rope  | Gadus S2 A320 2                                                                     | Mobilarma 798               | Ceran AD Plus                                                                         | Texclad NLGI 2                                                                        | BioTac MP2                                                                            | Premium Golden Grease NLGI 2 | HYPERBAR Super CS                                                                     |
| <b>Max Multipurpose EP 220 (NLGI 0)</b><br>EP-0 · NLGI 0 | Gadus S2 V220 0                                                                     | Mobilgrease XHP 220         | Multis EP 0                                                                           | Multifak EP 0                                                                         | Spheerol EPL 0                                                                        | EP Lithium Base Grease 0     | HYPERBAR Super CS                                                                     |
| <b>Max Multipurpose EP 222 SPECIAL</b><br>EP-2 · NLGI 2  | Gadus S2 V220AD 2                                                                   | Mobilgrease XHP 222 SPECIAL | Ceran XM 220 / Multis MS 2                                                            | Multifak EP 2 M3 / Molytex EP 2                                                       | Spheerol SX 2                                                                         | Sinopec MP Grease 2          | HYPERBAR CS 2 / LCM 2                                                                 |
| <b>Max Multipurpose EP 221</b><br>EP-1 · NLGI 1          | Gadus S2 V220 1                                                                     | Mobilgrease XHP 221         | Multis EP 1                                                                           | Multifak EP 1                                                                         | Spheerol EPL 1                                                                        | EP Lithium Base Grease 1     | HYPERBAR Super CS                                                                     |

# Marine Lubricants Equivalency Guide 2026

| MAXFLUID                                        |  |  |  |  |  |  |  |
|-------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Max Multipurpose EP 222</b><br>EP-2 · NLGI 2 | Gadus S2 V220 2                                                                   | Mobilgrease XHP 222                                                               | Multis EP 2                                                                         | Multifak EP 2                                                                       | Spheerol EPL 2                                                                      | EP Lithium Base Grease 2                                                            | HYPERBAR CS 2                                                                       |
| <b>Max Multipurpose EP 223</b><br>EP-3 · NLGI 3 | Gadus S2 V220 3                                                                   | Mobilgrease XHP 223                                                               | Multis EP 3                                                                         | Multifak EP 3                                                                       | Spheerol AP 3                                                                       | EP Lithium Base Grease 3                                                            | HYPERBAR LC 3                                                                       |

## Important

This equivalency chart is provided for reference purposes only. Equivalent products are technically comparable but are **not** interchangeable without consulting OEM approvals and the vessel's planned maintenance system (PMS). Product names and availability may vary by region. All trademarks belong to their respective manufacturers. MAXFLUID is not affiliated with Shell, ExxonMobil, Chevron, TotalEnergies, Castrol, Sinopec, Gulf, or Lukoil.