



MOBIL SHC™ AWARE™ GREASE SERIES

ExxonMobil Marine , Oman

Readily Biodegradable Non-Toxic Grease



Product Description

Mobil SHC Aware™ Grease Series greases are high performance synthetic products designed specifically for applications which are environmentally sensitive and the U.S. Environmental Protection Agency (EPA) 2013 Vessel General Permit (VGP) and the EU Ecolabel requirements. These leading products are readily biodegradable and virtually non-toxic as they are formulated based on biodegradable saturated ester base oils and a lithium/calcium soap thickener. They do not emulsify and have excellent water wash and salt water corrosion resistance.

Features and Benefits

- Meet US EPA 2013 VGP and EU Ecolabel requirements for environmentally acceptable lubricants
- Ready Biodegradability and Non-Toxicity reduce impact and costs of potential environment contamination
- Excellent adhesion and water resistance. Resist water washout, avoiding need for frequent re-greasing
- Excellent rust and corrosion protection, excellent bearing protection in wet conditions
- Recommended working temperature is from -25°C to +125°C

Applications

- Rudder stocks
- ATB notch interfaces
- Cranes
- Deck winches
- General grease points
- Wire rope
- Open gears

Specifications and Approvals

| This product meets or exceeds the requirements of: | EP 0 | EP 2 |
|--|------|------|
| AFNOR EU Ecolabel                                  | X    | X    |
| US EPA VGP:2013                                    | X    | X    |

Properties and Specifications

| Property | EP 0 | EP 2 |
|----------|------|------|
|----------|------|------|

| Property   | EP 0   | EP 2   |
|--|--------|--------|
| Grade  | NLGI 0 | NLGI 2 |
| Base Oil Viscosity of Greases @ 40 C, mm2/s, AMS 1697        | 320    | 320    |
| Copper Strip Corrosion, 24 h, 100 C, Rating, ASTM D4048      | 1B     | 1B     |
| Dropping Point, °C, ASTM D2265                               | 150    | 150    |
| Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596 | 160    | 400    |
| Penetration, Worked, 60X, 0.1 mm, ASTM D217                  | 360    | 270    |
| SKF Emcor Rust Test, Distilled Water, ASTM D6138             | 1,1    | 0,0    |
| Water Washout, Loss @ 38 C, wt%, ASTM D1264                  | 5      |        |
| Water Washout, Loss @ 79 C, wt%, ASTM D1264                  |        | 3      |

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>

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