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MOBIL SHC™ AWARE™ GREASE SERIES

ExxonMobil Marine , United States

Readily Biodegradable Non-Toxic Grease

FR / 027 / 013

Product Description

Mobil SHC Aware™ Grease Series greases are high performance synthetic products designed specifically for applications which are environmentally sensitive and meet 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
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.aspx

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ExxonMobil Marine Limited

Ermyn Way
Leatherhead, Surrey
United Kingdom KT22 8UX

http://www.exxonmobil.com

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

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