



## Mobil SHC Aware™ Grease EP 2

### Readily Biodegradable Non-Toxic Grease

#### Product Description

Mobil SHC Aware™ Grease EP 2 is a high performance synthetic grease designed specifically for applications which are environmentally sensitive and meets the requirements of the U.S. Environmental Protection Agency (EPA) 2013 Vessel General Permit (VGP). This leading product is readily biodegradable and virtually non-toxic grease and is formulated based on biodegradable saturated ester base oils and a lithium/calcium soap thickener. It does not emulsify and has excellent water wash and salt water corrosion resistance.

#### Features and Benefits

- Meets requirements of US EPA 2013 VGP requirements for environmentally acceptable lubricants
- Ready Biodegradability and Non-Toxicity reduces potential for environmental impact and potentially lowers remediation and clean-up costs caused by spills or leakage
- Excellent adhesion and water resistance, resists 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

#### Specifications and Approvals

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##### Mobil SHC Aware Grease EP 2 meets or exceeds the requirements of:

DIN 51825: (2004-06)	KPE2K-40
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#### Typical Properties

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##### Mobil SHC Aware Grease EP 2

NLGI Grade	2
Thickener Type	Calcium/Lithium
Color, Visual	Amber
ISO Viscosity Grade of Oil	150
Dropping Point, ASTM D 2265, °C	>160
Worked Penetration, ASTM D 217, mm/10 @ 25 °C	280
Water Washout @ 79 °C, ASTM D 1264, wt%	7
EMCOR Bearing Corrosion in Distilled Water, ASTM D 6138,	0,0

## Rating

Copper Corrosion, ASTM D 4048, Rating	1b
Four Ball Weld, ASTM D 2596, kgf	400
Four Ball Load Wear Index, ASTM D 2596, kgf	65
Biodegradability of ester base oil, OECD 301B, wt%	>60
Aquatic Toxicity, OECD 201, 72h EC <sup>50</sup>	>1000
Bioaccumulation, OECD 117, Partition Coefficient, log KOW	<3

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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