

Introducing Lubriplate® Biobased EP-2 Grease



An Environmentally Acceptable Lubricant (EAL) Designed To Protect Your Vessel, Your Equipment And The Environment.

Meets U.S. EPA Vessel General Permit (VGP) Requirements
Passes U.S. EPA Static Sheen Test 1617
Passes U.S. EPA Acute Toxicity Test LC-50
Ultimately Biodegradable (Pw1) Base Fluid – 75.2%

LUBRIPLATE Biobased EP-2 Grease was designed to outperform conventional products in a variety of marine applications. It has excellent water resistance, good oxidative stability and a high level of protection against rust and corrosion.

Applications Include...

- Articulated Tug Barge (ATB) Notch Interface
- Coupler Ram and Drive Screws
- Above Deck Equipment
- Rudder Shafts
- Wire Rope
- Port Equipment and Cranes
- Barges
- Oil Platforms
- Water Treatment and Hydroelectric Facilities
- Wherever an Environmentally Acceptable Lubricant (EAL) is required



VGP COMPLIANCE STATEMENT

LUBRIPLATE BIOBASED EP-2 GREASE is an Environmentally Acceptable Lubricant (EAL) according to the definitions and requirements of the US EPA 2013 Vessel General Permit, as described in VGP Section 2.2.9



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LUBRIPLATE® BIOBASED EP-2 GREASE

LUBRIPLATE Biobased EP-2 Grease: An Environmentally Acceptable Lubricant (EAL) that was designed to outperform conventional products in a variety of marine applications. It has excellent water resistance, good oxidative stability and provides a high level of protection against rust and corrosion. It is excellent for all slow to medium speed bearings. It has exceptional high shear stability, excellent water resistance and outstanding load-carrying properties.

APPLICATIONS: Articulated Tug Barge (ATB) Notch Interface, Coupler Ram and Drive Screws, Above Deck Equipment, Rudder Shafts, Wire Rope, Port Equipment and Cranes, Barges, Oil Platforms, Water Treatment and Hydroelectric Facilities and Wherever an Environmentally Acceptable Lubricant (EAL) is required.

ADVANTAGES:

- Meets U.S. EPA Vessel General Permit (VGP) Requirements.
- Passes U.S. EPA Static Sheen Test 1617.
- Passes U.S. EPA Acute Toxicity Test LC-50.
- Ultimately Biodegradable (Pw1) Base Fluid – 75.2%.
- Excellent Extreme Pressure / Anti-Wear Properties.
- Extremely Shear Stable.
- Very good sealing properties to keep out salt and fresh water and dirt.
- Outstanding resistance to washout fresh and salt water.
- Tenacious and adhesive to increase stay-put properties.
- Outstanding pumpability.

LUBRIPLATE BIOBASED EP-2 GREASE SPECIFICATIONS:

Typical Tests	Results
Lubricant Type of Base	Lithium 12-Hydroxy Stearate
Worked Penetration (ASTM D-217)	265 - 295
NLGI Grade	2
Dropping Point (ASTM D-566)	385°F / 196°C
Timken EP Test: OK Load (ASTM D-2783)	40 lbs.
Four Ball EP Test: OK Load, (ASTM D-2783)	250
Four Ball Wear Test: 40 kg. 75C, 1200 rpm 1hr (ASTM D-4172)	0.44 mm
Base Oil Viscosity - SUS@100°F	500
Base Oil Viscosity - cSt@40°C / cSt@100°C	100 / 19
Base Fluid Biodegradability (ASTM D-5864)	75.2% / Ultimate (Pw1)
Aquatic Toxicity (OECD 203)	>100 mg/l
Corrosion Prevention (ASTM D-1743)	1, 1, 1
Copper Corrosion (ASTM D-130)	1a
Oxidation Stability (ASTM D-942)	3 psi / 100 hours
Water Washout (100°F) (ASTM D-1264)	<1%
Lincoln Ventmeter @77°F / @30°F / @0°F	321 psi / 458 psi / 1,115 psi



Available In 14.5 oz Cartridges
 Part No. L0341-098
 And 120 lb Lined Drums
 Part No. L0341-039



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