



ISO-9001 Registered Quality System.  
ISO-21469 Certified

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## PRODUCT DATA

# LUBRIPLATE BIOBASED EP-2 GREASE

## DESCRIPTION

LUBRIPLATE Biobased EP-2 grease is excellent for all slow to medium bearings. It has exceptional high shear stability, excellent water resistance and outstanding load-carrying properties. This product was designed and developed to meet the US EPA 2013 Vessel General Permit (VGP) requirements.

LUBRIPLATE Biobased EP-2 grease was designed to outperform conventional products in a variety of applications. It has good oxidative stability and a high level of protection against rust and corrosion. It passed the acute toxicity LC 50 adapted by the US fish and wild life service, and the US EPA.

## APPLICATIONS

- ⇒ Articulated Tug Barges (ATB) Notch Interface
- ⇒ Rudder Shafts
- ⇒ Wire Rope
- ⇒ Above Deck Equipment

## ADVANTAGES

- ⇒ **VGP COMPLIANT GREASE**
- ⇒ Excellent extreme pressure/anti-wear properties
- ⇒ Extremely shear stable
- ⇒ Very good sealing properties to keep out water and dirt
- ⇒ Outstanding resistance to fresh and salt water
- ⇒ Tenacious and adhesive to increase stay-put properties



## Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Type of Base		Lithium 12-Hydroxy Stearate
Worked Penetration	ASTM D-217	265 to 295
NLGI No.	NLGI	2
Dropping Point F	ASTM D-566	385
Timken EP Test: OK Load	ASTM D-2783	40 lbs.
Four Ball EP Test: OK Load	ASTM D-2783	250
Biodegradability	ASTM-D-5864	75%
Oil Viscosity: SUS @ 100°F	ASTM D-2161	500
Aquatic Toxicity	OECD 203	>100 mg/l
cSt @ 40°C	ASTM D-445	100
cSt @ 100°C	ASTM D-445	19
Water Washout (175°F)	ASTM D-1264	< 5%
Copper Corrosion	ASTM D-130	1a
Corrosion Prevention	ASTM D-1743	1, 1, 1
Oxidation Stability	ASTM D-942	3 psi/100 hours
Four Ball Wear Test 40 Kg, 75C, 1200 rpm, 1 hr.	ASTM D-4172	0.44 mm

## PACKAGING AVAILABLE

120 Lb. Drum  
Carton, 40/14 oz. Cartridges

## Part No.

L0341-039  
L0341-098