



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. It is manufactured with VGP compliant base-stocks based on vegetable oils and select additives.

LUBRIPLATE Biobased EP-2 grease was designed to outperform conventional products in a variety of applications. It has excellent water resistance, 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**

- ⇒ 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	Ultimate PW1
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

Part No.

120 Lb. Drum

L0341-039