



ISO-9001 Registered Quality System.  
ISO-21469 Compliant.

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## PRODUCT DATA

# LUBRIPLATE EMB SERIES

## DESCRIPTION

LUBRIPLATE EMB Series are specially designed polymer type greases for all grease type electric motors, pumps, fan motors, as well as other ball and roller bearing applications.

## APPLICATIONS

LUBRIPLATE EMB Series greases are recommended for high-speed, grease type bearings as well as normal speeds.

## ADVANTAGES

- ⇒ Extremely shear stable for extended regreasing intervals.
- ⇒ Combination of anti-wear and polymer offer extra lubricity thereby reducing heat, frictional drag & power consumption.
- ⇒ Excellent compatibility with seals, gaskets & plastics.
- ⇒ Wide ambient temperature operating range.
- ⇒ Very good water resistance.
- ⇒ Rust and oxidation inhibited.

## STORAGE RECOMMENDATIONS

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

PROPERTY	TEST METHOD	TYPICAL RESULTS*	
		EMB-3	EMB
Type of Base		Lithium Complex	Lithium Complex
Color and Character	Visual	Off-White and Smooth	Off-White and Smooth
Worked Penetration @ 77°F	D-217	220 to 250	265 to 295
NLGI No.		3	2
ASTM Dropping Point	D-566	>550°F >288°C	>550°F >288°C
Oil Separation, 30 hr. at 212°F	D6184	0.7%	1.0%
Four Ball E.P. Test, Weld Load	D-2596	400kg	400kg
Four Ball Wear	DIN 51350-5-D	0.53mm	0.56mm
Rust Prevention	D-1743	Pass	Pass
Emcor Rust Test	ISO 11007	#2; Light	#0; No Corrosion
Norma Hoffman Oxidation Bomb Test	D-942	5.0 psi/100 Hours	5.0 psi/100 Hours
Copper Corrosion	DIN 51811	1b	1b
Water Washout @ 175°F	D1264	5.87%	5.25%
<b>Mineral Oil Viscosity:</b>			
SUS @ 100°F	D-2161	500	500
cSt @ 40°C	D-445	100	100
<b>Shear Stability:</b>			
Penetration 60 Strokes	D-217	225	270
Penetration 10,000 Strokes	D-217	236	272
Penetration 100,000 Strokes	D-217	277	298

## PACKAGING AVAILABLE

	EMB-3	EMB
Carton, 4/6 lb. Plastic Tubs	***	L0148-005
35 lb. Pail	L0156-035	L0148-035
120 lb. Quarter Size, Drum	L0156-039	L0148-039
420 lb. Full Size, Drum	***	L0148-040
Carton, 40/14 oz. Cartridges	L0156-098	L0148-098