



ISO-9001 Registered Quality System.
ISO-21469 Compliant

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PRODUCT DATA

LUBRIPLATE ROBOTIC EP-0 GREASE

DESCRIPTION

LUBRIPLATE ROBOTIC EP-0 is a lithium complex, semi-fluid, extreme pressure grease formulated with polyalphaolefin-PAO synthetic hydrocarbon fluids and highly refined mineral oil that provides optimum long-term performance in all types of robotic gear cases. LUBRIPLATE ROBOTIC EP-0 includes LUBRIPLATE's XTREMITY AW/EP proprietary additive system that delivers exceptional anti-wear, extreme pressure, oxidation and corrosion protection to robotic gears and bearings. LUBRIPLATE ROBOTIC EP-0 is also designed with a soft grease consistency to provide excellent flow across a wide operating temperature range.

ADVANTAGES

- ⇒ High Temperature Lithium Complex Thickener
- ⇒ Contains XTREMITY AW/EP Additive System
- ⇒ Prevents Wear, Rust, and Corrosion on Robotic Gears & Bearings Operating in Normal to Severe Loading and Temperature Conditions
- ⇒ Excellent Flow Across a Wide Operating Temperature Range and Reducer Shaft Speeds
- ⇒ Shear Stable & Excellent Oxidation Resistance Providing Long Service Life

APPLICATIONS

- ⇒ Robot Gear Reducers
- ⇒ Gear Reducers Requiring Extreme Pressure NLGI 0 Semi-Fluid Grease
- ⇒ Consult your local LUBRIPLATE District Manager for Application Assistance

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.

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Penetration	ASTM D-217	355-385
NLGI No.		0
Worked penetration, 100,000 Strokes, % change	ASTM D-217	<2
ASTM Dropping Point	ASTM D-566	386°F/197°C
Base Oil Viscosity SUS @ 100°F	ASTM D-2161	371
cSt @ 40°C	ASTM D-445	80
4-ball weld load	ASTM D-2596	400 kg
Load Wear Index	ASTM D-2596	51 kgf
4-ball wear scar	ASTM D-2266	0.51 mm
Evaporation loss (100C, 24hr)	ASTM D-972	2%
Color	Visual	Tan
Corrosion Preventative Properties	ASTM D-1743	Pass
Lincoln Ventmeter	K95400	250 PSI/-50F
Low Temperature Torque @ -30F Starting Torque Running after 1 hr.	ASTM D-1478	75.9 mN-m 35.1 mN-m
Copper Corrosion	ASTM D-130	1b

PACKAGING AVAILABLE

Carton of 4 Cartridges

35 lb. Pail

110 lb. Quarter Drum

420 lb. Full Size, Drum

Part No.

L0415-044

L0415-035

L0415-039

L0415-040