

JET-PLEX-EP™

Lithium Complex Grease



TECHNICAL DATA SHEET

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DESCRIPTION

JET-PLEX-EP™ Lithium Complex Grease is the ideal multi-purpose grease for use in extreme pressure and high temperature operating conditions. It is the top of the line product for use in both severe applications and as a general purpose lubricant.

Jet-Plex-EP is manufactured from carefully selected petroleum oils and lithium complex soap to create a multi-purpose grease with a high dropping point. It has a smooth texture with a heavy body consistency, but provides good pumpability in both hot and cold operating conditions. **Jet-Plex-EP** has excellent resistance to water and water washout problems. Oil separation is minimal, even under extreme pressure. Heat cycling produces only a minor change in consistency. **Jet-Plex-EP** is formulated with special lubricity, anti-wear, and extreme pressure additives and is fortified with rust, corrosion and oxidation inhibitors.

CHARACTERISTICS

- Lithium complex base
- Excellent for high temperatures, high load applications
- Remains pumpable in cold temperatures
- Extremely resistant to rust and oxidation
- Smooth in texture

APPLICATIONS

JET-PLEX-EP is recommended for all types of bearing and sliding applications, for shock-loading, pounding, rough chassis usage and high loads. JET-PLEX-EP is the multi-purpose lubricant that will replace several conventional type greases, resulting in smaller inventories and less chance of misapplication.

OPERATING RANGE

-18°C to 260°C (0°F to 500°F)

PRODUCT SPECIFICATIONS

Thickener	Lithium Complex
Fluid Type	Petroleum Oil
Color/Appearance	Red
Dropping Point (ASTM D-566)	288°C (550°F)
Specific Gravity, Typical	0.91
Density (kg/liter), Typical	0.91
Additive Type	Organic EP/AW and R&O
Flash Point (ASTM D-92)	>220°C (430°F)
Autoignition Point (Calculated)	>260°C (500°F)
NLGI Grade	2
Penetration @ 25°C (77°F) (ASTM D-217)	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4 Ball (ASTM D-2596)	
Weld Point, kgf	315
Load Wear Index	38
Wear Scar Diameter (ASTM D-2266)	0.45
Oxidation Resistance (ASTM D-942)	
psi Drop, 100 hours	<5.0
Base Oil Viscosity (ASTM D-445), cSt @ 40°C	140 - 200
Wheel Bearing Life Performance (ASTM D-3527), hrs	180

PACKAGING

Inventory Code	Container Size	Container
31750	14 oz.	Cartridge
31705	1 Lb.	Can
31706	5 Lb.	Can
31716	35 Lb.	Pail
31724	120 Lb.	Keg
31729	400 Lb.	Drum

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.