

ALCO-EP™

Premium Multi-Purpose Grease



TECHNICAL DATA SHEET

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DESCRIPTION

ALCO-EP™ Premium Multi-Purpose Grease is a versatile aluminum complex grease with a high level of rust and oxidation inhibitors. **ALCO-EP** also contains molybdenum disulphide (MoS₂) and graphite, which plate out to resist metal-to-metal contact in boundary modes of lubrication.

ALCO-EP provides superior wear protection against extreme pressure and is highly water resistant. It has a 60 pound rating in the Timken load test which indicates that **ALCO-EP** has excellent load-carrying ability.

CHARACTERISTICS

- Protects against rust and corrosion to allow long service life
- Operating Range from -32°C to 230°C (-25°F to 450°F)
- Contains Molybdenum Disulphide (MoS₂) and graphite which plate out to resist metal-to-metal contact
- Protects against extreme pressure, shock load, welding and scoring
- Forms a protective barrier to reduce wear and extend service life

APPLICATIONS

ALCO-EP Multi-Purpose Grease is designed for friction and anti-friction bearings, bushings, chassis points, U-joints, pivot pins, and a wide range of other industrial, fleet and equipment applications.

Operating Range
-32°C to 232°C (-25°F to 450°F)



PRODUCT SPECIFICATIONS

Thickener	Aluminum Complex
Fluid Type	Lubricating Oil
Color/Appearance	Opaque Black Grease
Dropping Point (ASTM D-566)	260°C (500°F)
Specific Gravity, Typical	0.94
Density (kg/liter), Typical	0.94
Additive Type	Graphite/MoS ₂ /Organic/R&O
Flash Point (ASTM D-92)	>221°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	500
Load Wear Index	80
Scar Diameter, mm (ASTM D-2266)	0.6
Oxidation Resistance (ASTM D-942)	
psi Drop, 100 hours	<5.0
Base Oil Viscosity, cSt @ 40°C (ASTM D-445)	90 - 110

PACKAGING

Inventory Code	Container Size	Container
37050	14 oz.	Cartridge
37016	35 Lb.	Pail

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.