



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## ALCO-EP™ Premium Multipurpose Grease with Moly

### DESCRIPTION

ALCO-EP Premium multi-purpose grease is a versatile Aluminium complex grease with a high level of rust and oxidation inhibitors, as well as Jet-Lube's own extreme pressure additive. ALCO-EP also contains Molybdenum disulphide (MoS2) and graphite which plate out to resist metal-to-metal contact. ALCO-EP provides superior wear protection against extreme pressure & is highly water resistant. Its 60 pound rating in the Timken load test proves ALCO-EP to have excellent load-carrying ability.

### ADVANTAGES

- Protects against rust and corrosion to allow long service life.
- Dropping point 260°C (500°F).
- Operating Range from -32°C (-25°F) to 232°C (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 Premium Multi-Purpose Grease is designed for anti-friction bearings, brushings, chassis points, U-joints, pivot pins, and a wide range of other industrial, fleet and equipment applications. ALCO-EP is a truly multi-functional EP grease for inside or outdoor use.

### PRODUCT CHARACTERISTICS

Service Range:	-32°C (-25°F) to 232°C (450°F)
Thickener:	Aluminium Complex
Fluid Type:	Petroleum Oil
Colour/Appearance:	Opaque Black Grease
Dropping Point (ASTM D-566):	260°C (500°F)
Specific Gravity:	0,94
Additive Type:	Graphite/MoS2/ 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) (IP50/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
Timken OK load (lb):	60
Wear Scar Diameter (ASTM D-2266):	0,6
Oxidation Resistance (ASTM D-942)	
PSI Drop, 100 hours:	<5,0
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C (104°F):	90-110

### PACKAGING

Code	Net contents	Container
70406894	400g	Cartridge
75514723	500g	Tub
57387801	1kg	Tub
74679201	4kg	Pail
34676363	12,5kg	Pail
54218901	16kg	Pail
45933172	50kg	Pail
32182491	181,4kg	Drum

### LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages.



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