

ALCO-EP-73 PLUS™

Extreme Service Multi-Purpose Grease



TECHNICAL DATA SHEET

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DESCRIPTION

ALCO-EP-73 PLUS™ is a premium, state of the art, multipurpose aluminum complex grease containing a highly synergistic blend of rust and oxidation inhibitors plus extreme pressure and anti-wear additives for maximum performance characteristics. The non-plating, organic EP/anti-wear additives allow **ALCO-EP-73 PLUS** to be used where tolerances are low and/or speeds are high.

ALCO-EP-73-PLUS also contains polymer additives further enhancing the inherent water resistance of an aluminum complex based grease. **ALCO-EP-73 PLUS** is extremely resistant to rust and corrosion and ideally suited for use in high moisture areas, including subsea applications.

CHARACTERISTICS

- Superior rust and corrosion protection for maximum service life under harsh conditions
- Dropping point 260°C (500°F)
- Polymer additives for extreme water resistance
- Aluminum complex base
- Color - Red
- Exceeds Military Specification MIL-G-18458B-SH

Operating Range

-32°C to 230°C -25°F to 450°F

APPLICATIONS

Specifically formulated and developed for subsea or other conditions where extreme water resistance is necessary. Highly developed additive package makes **ALCO-EP-73 PLUS** the premier, multipurpose grease for hostile environments.



PRODUCT SPECIFICATIONS

Thickener	Aluminum Complex
Fluid Type	Lubricating Oil
Color/Appearance	Red Sticky Grease
Dropping Point (ASTM D-566)	260°C (500°F)
Specific Gravity, Typical	0.91
Density (kg/liter), Typical	0.91
Additive Type	EP/AW, 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	315
Load Wear Index	38
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	
psi Drop, 100 hours	<5.0
Base Oil Viscosity (ASTM D-445), cSt @ 40°C	90 - 110

PACKAGING

Inventory Code	Container Size	Container
37750	14 oz.	Cartridge
37716	35 Lb.	Pail
37724	120 Lb.	Keg
37729	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.