



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## ALCO-EP-73 Plus™ Premium Multipurpose Grease

### DESCRIPTION

ALCO-EP 73 PLUS is a premium, state of the art, multi-purpose Aluminium complex grease containing a blend of rust and oxidation inhibitors plus extreme pressure and anti-wear additives for maximum performance characteristics. ALCO-EP 73 PLUS may be used where tolerances are low and speeds are high due to the use of non-plating, organic EP/anti-wear additives. ALCO-EP 73 PLUS also contains polymer additives further enhancing the inherent water resistance of an Aluminium 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.

### ADVANTAGES

- Operating range from -32°C (-25°F) to 232°C (450°F).
- Superior rust and corrosion protection for maximum service life under harsh conditions.
- Dropping point 260°C (500°F).
- Polymer additives for extreme water resistance.
- Aluminium complex base.
- Colour red.
- Exceeds Military specification (MIL-G-18458B-SH).

### APPLICATIONS

Specially formulated and developed for subsea or other conditions where extreme water resistance is necessary. Highly developed additive packages make ALCO-EP 73 PLUS the premier, multi-purpose grease for hostile environments. The excellent wash-off resistance makes it very suitable for automotive applications such as chassis, swivel joints, prop shaft joints and shackles.

### PRODUCT CHARACTERISTICS

Service Range:	-32°C (-25°F) to 232°C (450°F)
Thickener:	Aluminium Complex
Fluid Type:	Lubricating Oil
Colour/Appearance:	Red Sticky Grease
Dropping Point (ASTM D-566):	260°C (500°F)
Specific Gravity:	0,91
Additive Types:	Extreme Pressure/Anti-Wear plus Anti-Rust & Oxidation

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:	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 (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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