



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

ALCO-Ep™ ECF™ WW Extreme-Service Multipurpose Grease

DESCRIPTION

ALCO-EP ECF is a premium, state of the art, multi-purpose biodegradable grease containing a blend of rust and oxidation inhibitors plus extreme pressure & anti-wear additives for maximum performance characteristics.

ALCO-EP ECF may be used where tolerances are low and loads are high due to the use of non-plating, organic EP/anti-wear additives.

ALCO-EP ECF also contains polymer additives further enhancing the inherent water resistance of the biosulphonate complex base grease.

ALCO-EP ECF is extremely resistant to rust and corrosion and ideally suited for use in high moisture areas, including subsea applications.

The CEFAS 'E' rating is achieved if spillage degrades by more than 60% in the first 28 days of exposure to the environment during the test. It is the highest category.

ADVANTAGES

- Superior rust and corrosion protection for maximum service life under harsh conditions.
- Dropping point 260°C (500°F).
- Polymer additives for extreme water resistance.
- Biodegradable Calcium sulphonate complex base.
- Colour: red.

APPLICATIONS:

Specially formulated and developed for subsea or other conditions where extreme water resistance is necessary. A highly developed additive package makes ALCO-EP ECF the premier, multi-purpose grease for hostile environments.

PRODUCT CHARACTERISTICS

Service Range:	-32°C (-25°F) to 232°C (450°F)
Thickener:	Calcium Complex
Fluid Type:	Petroleum/Veg Oil
Colour/Appearance:	Red Sticky Grease
Dropping Point (ASTM D-566):	260°C (500°F)
Specific Gravity:	0,96
Density (lb/gal):	8,0

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) (IP50/ASTM D-217):	265-295
Copper Strip Corrosion (ASTM D-4048):	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf:	315
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
48206761	400g	Cartridge
16160378	10kg	Pail
34237779	12,5kg	Pail
33485034	16kg	Pail
59772064	50kg	Drum
32895872	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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