

ALCO-EP™ ECF™

Extreme Service Multi-Purpose Grease



TECHNICAL DATA SHEET

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DESCRIPTION

ALCO-EP™ ECF™ is a premium, state-of-the-art, multipurpose calcium sulfonate complex grease thickening a blend of synthetic oils selected to provide the level of biodegradation required to meet the Norwegian "Yellow" and the combined UK and Netherlands "E" categories. These are the most safe environmental ratings for a lubricating grease. The non-plating, organic EP/anti-wear additives allow **ALCO-EP ECF** to be used where tolerances are low and/or speeds are high. **ALCO-EP ECF** also contains polymer additives, further enhancing the inherent water resistance of a calcium complex- based grease. **ALCO-EP ECF** is extremely resistant to rust and corrosion and is ideally suited for use in high-moisture areas, including subsea applications.

- Superior rust and corrosion protection for maximum service life under harsh conditions
- Dropping Point 500°F (260°C)
- Polymer additives for extreme water resistance
- Biodegradable
- Color - Pale Red

Certifications



Exceeds Mil Spec - MIL-G-18458B-SH

APPLICATIONS

Specially formulated and developed for subsea or other conditions where extreme water resistance is necessary. Highly developed additive package makes **ALCO-EP ECF** the premier, multipurpose grease for hostile environments. Ideal for certain RISER, WASH PIPE, and other proprietary connection designs.

OPERATING RANGE

-32°C to 232°C (-25°F to 450°F)

PRODUCT SPECIFICATIONS

Thickener	Calcium Complex
Fluid Type	Synthetic & Vegetable Oils
Color/Appearance	Pale Red StickyGrease
Dropping Point (TYPICAL)	500°F (260°C)
Specific Gravity	0.96
Density (lb/gal)	8.0
Additive Type	EP/AW, R&O
Flash Point (ASTM D-92)	>430°F (221°C)
Autoignition Point (CALCULATED)	>500°F (260°C)
NLGI Grade	2
Penetration @77°F (ASTM D-217)	265-295
Copper Strip Corrosion (ASTM D-4048)	1A
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942) PSI Drop, 100 hours	<5.0

PACKAGING

Inventory Code	Container Size	Container
37150	14 oz.	Cartridge



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.