



Bringing Quality & Excellence

**IM Supply BV**  
 Aquamarijnstraat 100-104  
 7554 NT Hengelo  
 The Netherlands

T: +31 (0)74 291 9294  
 F: +31 (0)74 256 6490  
 E: info@im-supply.com  
 I: www.im-supply.com

# TECHNICAL DATA SHEET

## NCS-30® ECF™ Premium Yellow Rated Thread Sealant

Ospar Commission - HOCNF

CLASSIFICATION: "Yellow" rating for Norway

CLASSIFICATION: "E" for the United Kingdom and the Netherlands.

### DESCRIPTION

NCS-30 ECF is a premium quality, nonmetallic compound containing chemically inert fibers and Extreme Pressure and Anti-Wear additives. These are blended into Jet-Lube's biodegradable base grease, which gives a wide temperature range, superior adhesion to wet steel surfaces, resistance to water wash out and the ability to withstand invert and high-pH muds. From an environmental standpoint, NCS-30 ECF is biodegradable, bioaccumulation potential-free and non-toxic to all kinds of life forms tested. This compound has the distinction of being the first compound to achieve a "Yellow" HOCNF rating in the Norwegian sector of the North Sea, making it permissible in sensitive drilling areas such as the Barents Sea. It also has the distinction of being the first drilling compound to achieve a substitution warning-free HOCNF rating as well as an "E" classification in the UK sector, simplifying the completion of PON15B applications.

### ADVANTAGES

- Biodegradable, non-bioaccumulative and non-toxic.
- Contains no metals.
- Excellent performance on high-chrome and nickel alloys.
- Excellent protection against seizing and galling.
- Sticks to wet joints.
- Consistent rig floor makeup.
- Nonconductive for MWD applications.
- Provides maximum protection on Wedge Thread™ drill string connection designs.
- Designed for optimum performance on all rotary shouldered connections such as Tool Joints and Drill Collars. It can also be used on premium/ proprietary thread designs such as Double-Shouldered, Wedge Thread™ \*, and other types of mechanical seal designs. It may also be used on certain non-interference tubing thread designs when properly torque compensated.

\* Trademark of Hydril Company

### LIMITED WARRANTY

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

### PRODUCT CHARACTERISTICS

Colour:	Beige
Thickener:	Complex Thickeners
Fluid Type:	Synthetic and Vegetable
Dropping Point (ASTM D-566):	>232°C (450°F)
Specic Gravity, Typical:	1.36
Density (kg/liter), Typical:	1.36
Oil Separation (ASTM D-6184):	<5.0
Wt. % Los @ 100°C (212°F)	
NLGI Grade:	1 - 1.5
Penetration @ 25°C (ASTM D-217):	300 - 330
Copper Strip Corrosion (ASTM D-4048):	1A
Torque Correction Factor:	1.00 (drill strings)
For premium connections, consult the connection manufacturer, or one should test the torque required for proper make-up prior to running.	
Salt Fog Resistance (ASTM B-117):	5% NaCl - >2,000 hours 20% NaCl - >750 hours

### PACKAGING

Code	Net contents	Container
28438496	5kg	Pail
34320402	8kg	Pail
33548371	20kg	Pail

### 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.



### Jet-Lube House

Reform Road • Maidenhead • Berkshire • SL6 8BY

Telephone: +44 (0) 1628 631913 • Fax: +44 (0) 1628 773138 • Internet: www.jetlube.co.uk