



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

NCS-30® HDD Autolube High Performance Drilling Compound

DESCRIPTION

NCS-30 HDD Autolube thread compound is a premium quality, metal free compound containing galling preventers, friction controllers, EP and AW additives. These are blended into JET-LUBE high-temperature sulphonate complex base grease. The highly-refined, low pour-point oil used in the production of this grease ensures brushability at low temperatures as well as the necessary oxidation and thermal stability at high temperatures. The base grease offers excellent adhesion to wet steel surfaces, resistance to water wash-off and the ability to be used in automatic lubrication systems. NCS-30 HDD Autolube is the answer to requirements for a pumpable thread compound that is also free of metals and other hazardous components.

ADVANTAGES

- Contains no metals.
- Excellent performance on high chrome or nickel alloys.
- Excellent protection against seizing and galling.
- Sticks to wet joints.
- Consistent makeup.
- For use in autolube systems.
- Provides maximum protection on wedge thread drill string connection designs.
- Also available in a grade suitable for non-pumped systems.

NCS-30 HDD Autolube has similar frictional properties to JET-LUBE Kopr-Kote, the industry standard for HDD applications.

PRODUCT CHARACTERISTICS

Service range:	-29°C to 260°C
Thickener:	Sulphonate complex
Fluid Type:	Petroleum
Colour:	Off-white
Dropping Point (ASTM D-2265):	>450°F (232°C)
Specific Gravity, typical:	1.30
Density (lb/gall):	10.30
Oil Separation (ASTM D-6184):	<3.0
WT. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92):	>430°F (221°C)
NLGI Grade:	1

Penetration @ 25°C (77°F): (ASTM D-217)	290 – 320
Copper Strip Corrosion: (ASTM D-4048)	1A, typical
Friction Factor*	
Relative to API RP 7G:	1.0 Standard service

Shelf Life: Minimum 5 years from manufacture date.

** Many factors such as pipe size, thread geometry, mud contamination, etc. affect the friction factor. This is a relative number and in all applications, experience and prior knowledge should be used to adjust makeup torque accordingly.*

PACKAGING

Code	Net contents	Container
62221566	5kg	Pail
55783781	8kg	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.



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