



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

NCS-30® HDD Manual High Performance Drilling Compound

DESCRIPTION

NCS-30 HDD 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 reduced thread wear. NCS-30 HDD is the answer to requirements for an HDD thread compound that is 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 manual systems.
- Provides maximum protection on wedge thread drill string connection designs.
- Also available in Autolube grade for pumped systems.

NCS-30 HDD has similar frictional properties to Jet-Lube Kopr-kote, the industry standard for HDD applications.

| | |
|--|----------------------|
| Penetration @ 25°C (77°F): (ASTM D-217) | 290 – 320 |
| 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 |
|----------|--------------|-----------|
| 81174935 | 5kg | Pail |
| 31520843 | 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.

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) |



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