



PRODUCT DATA SHEET

HC-ELITE LUBE

WBM/OBM DRILLING FLUID ADDITIVE

PRODUCT DESCRIPTION

HC-ELITE LUBE is a concentrated lubricant specially designed to offer maximum lubricity for severe torque and drag problems using a food grade base oil. It is easily incorporated into any water based drilling fluid and will not foam or “grease” out. *HC-ELITE LUBE* is an equivalent substitute for oil-based lubricants where the use of hydrocarbon-based additives are prohibited. *HC-ELITE LUBE* is a very effective lubricant that can be utilized in drilling fluid formulations to decrease wear and increase rate of penetration. At 1-2% formulation in mud, it can provide an 80-90% reduction of torque/friction. The product can be added directly to the mud hopper or to the mud pit. *HC-ELITE LUBE* provides extreme pressure lubricating properties.

APPLICATIONS/FUNCTIONS

- Reduces torque and drag problems
- Produces thin, tough filter cakes, reducing the chances of stuck pipe
- Eliminates sticking shale issues
- Superior Shale inhibition properties
- Effective in both WBM and OBM

ADVANTAGES

- Completely water soluble
- Nonpolluting and biodegradable
- Does not form a sheen
- Will not foam or grease out

TYPICAL PROPERTIES

- Appearance: Amber clear liquid
- Specific Gravity: 0.90 - 0.95
- Flash Point: >200°F (93°C)
- Solubility: Water Soluble

RECOMMENDED TREATMENT

HC-ELITE LUBE lubricant is a concentrated product; add 1-2% by volume. 1-2% is recommended for all but most severe cases.

PACKAGING

HC-ELITE LUBE is packaged in 5-gal pails, 55-gal drums, 275-gal totes, and in Bulk.

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