

TUBE LUBE

TUBE LUBE lubricant paste is brown and opaque. Since TUBE LUBE paste is made completely of natural fatty acids, it is 100% biodegradable and non-toxic.*

Typical Physical Properties

Physical appearance.....	Brown opaque paste
Odor	Faint soap
pH.....	9.5
Solubility.....	100%

Applications

TUBE LUBE paste is used to lubricate the inner core barrel and core to facilitate core entry and removal. TUBE LUBE additive provides increased lubricity to water-base drilling fluids. It can be used as a maintenance addition or can be added when torque and drag become a problem. TUBE LUBE paste is especially applicable in high-angle, exploratory drilling to reduce bit wear and increase effective bit weight.

Advantages

- TUBE LUBE paste lubricates the inner tube, which allows highly fragmented or unconsolidated cores to enter easily and not be lost to the hole after coring.
- Reduces core-removal time

Method of Addition

To lubricate the inner core tube, put a ball of TUBE LUBE paste inside the inner core barrel prior to running into the core barrel. The lubricating ability of TUBE LUBE additive can be increased by coating the ball with a polymer, such as POLYPAC* additive, prior to inserting the ball into the inner tube. TUBE LUBE paste can be added to the drilling fluid to increase the lubricity. For most applications, the concentration of this product is 0.5-1.5% by volume. At this concentration 1.5-4.5 gal (5.7-17.1 L) of TUBE LUBE paste per 300 gal (1,135 L) of fluid is required to build the proper ratio. Some cases can require more paste. The quantity depends on the mud type and drilling characteristics.

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheets (MSDS).

Packaging and Storage

TUBE LUBE paste is packed in 3-gal (11.4-L) buckets.

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HDD Mining & Waterwell Group
5950 North Course Drive
Houston, TX 77072
Tel: 832-295-2564
Fax: 832-351-4131
www.drilling-fluids.com
E-mail: hdd@miswaco.com