

## Product Specifications

### MUDCOLUBE

MUDCOLUBE is a fatty acid esters, which is often used as a drilling lubricant. Water based fluids incorporating MudcoLube display increased rates of penetration at low dosing rates. The lubricant performs well under various wellbore temperatures.

Additional applications include running liners, coil tubing and situations experiencing high risk of stuck pipe or other increased friction while drilling applications. Product is not WHMIS regulated, which allows for safe and easy handling in field applications.

The fatty acid esters are very stable products with a long shelf life.

Other applications: Oil emulsifier

#### Lubricity Meter Test Results \*

Dosing	2 L/m <sup>3</sup>	10 L/m <sup>3</sup>	20 L/m <sup>3</sup>
MudcoLube	10.90	7.20	5.60
Competitor	11.10	10.90	10.60

\*Results show the required amps to turn motor and friction plates. The lower the amps the better lubricity capabilities.

\*\* Water has a value of 34 Amps

#### Specifications

Appearance	Light amber viscous solution
Moisture (Karl Fisher), %	1.0 Max
Acid Number, MG KOH/g	8.0 Max
Hydroxyl Number, MG KOH/g	193.0 – 210
Saponification number, MG KOH/g	145 – 160
Shelf Life	2 years

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