



DOVERLUBE DFA-0938

A Rotary-Drilling & Coiled-Tubing Lubricant

Doverlube DFA-0938 is the blend of sulfurized fatty compounds and hydrocarbons, the **most popular** lubricant additive manufactured by Dover Chemical Corporation. It reduces torque/friction by **40-50%** for both conventional **rotary** and **coiled-tubing** (CT) drillings at 1% usage level in water-based mud or CT formula. In the laboratory, DFA-0938 shows an effective friction-reduction capability at 150-350F aging:

OFITE'S TORQUE REDUCTION AT ELEVATED TEMPERATURES AT 1 % LEVEL IN WATER-BASED MUD

Torques (lb-in)	@150 lb Load	@200 lb Load	@250 lb Load	@300 lb Load
No additive	42	54	65	70+
1%, 150F AHR	15	22	37	43
1%, 250F AHR	11	19	24	28
1%, 350F AHR	10	15	18	23

The product can be added directly to the mud hopper or to the mud pit. **Doverlube DFA-0938** may be stored in an original container, drums and totes or bulk storage tanks.

TYPICAL PROPERTIES

Property	Typical Result
Appearance	Dark, brown liquid
Viscosity, cSt, 100F	15-32
Specific Gravity, 60F	0.96
Lb/gal , 60F	8.0
Flash point, COC, F	>350
Pour Point, C	2

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use. (040616)

LGP-11®, LUBE-BOOSTER®, MAYCO®, PAROIL®, SUL-PERM®, SYN-CHEK®, SYNKAD®, CHLOREZ®, CHLOROWAX 40®, CHLOROWAX 50®, DOVERNOX®, DOVERPHOS®, DOVERPHOS HIPURE®, and DOVERPHOS S-9228® are federally registered trademarks of Dover Chemical Corporation.