



Drilling Fluids, Inc.

DESCRIPTION

USES

BENEFITS

TREATMENT

FUNCTION

TYPICAL PHYSICAL PROPERTIES

SAFE HANDLING RECOMMENDATIONS

PACKAGING

DMS

DMS, Di-methyl sulfonate, is a biodegradable drilling surfactant compounded for use in water-base drilling fluid systems.

DMS is used for lubricity to reduce torque and drag. It is a highly active surfactant used primarily in freshwater or seawater drilling fluids for upper-hole drilling.

DMS reduces the shale "balling" tendencies of the bottom-hole assembly, thus lowering torque and drag. This aids in increasing the horsepower at the bit and results in improved drilling rates. **DMS** is a low foamer and will not create foaming problems. **DMS** is not limited by the fluid pH. **DMS** is very temperature stable providing temperature stability extension to most drilling fluid types.

The normal treatment level for **DMS** is 2 to 4 gal/100 bbl of drilling fluid.

DMS coats solids reducing their attraction to each other, the drilling tools, casing, and wellbore.

Physical Appearance.....	opaque liquid
Specific Gravity.....	1.05—1.06
Hygroscopic.....	slightly
pH in water.....	7.0
Moisture as packaged.....	8% by weight

Utilize normal precautions for employee protection when handling chemical products. See Material Safety Data Sheet [MSDS] for this product prior to use.

DMS is packaged in 5 gal non-returnable pails and 55 gal nonreturnable drums.

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