

PRODUCT DATA SHEET

Genesis GenWet™

Water wetting agent for all water-based drilling fluids



Description

Genesis GenWet™ is a water wetting surfactant that is used to prevent oil-wetting of solids in water-based fluids and preferentially water wet fluid solids. This can occur when influxes of crude oil occur into the active fluid system. It can occur also when mixing lubricants that function to reduce torque and drag.

Application

High density water-based fluids containing large amounts of barite are susceptible to “greasing out” in the presence of lubricants and crude oil.

The desirable barite particles can be protected by adding small quantities of **Genesis GenWet™** to the fluid. This will prevent oil-wetting of solids and losses on the solids control equipment.

Product benefits

Prevents or alleviates “greasing” or oil-wetting of solids in the presence of formation crude oil and/or lubricants.

Recommended treatment

Typically, 0.25 to 0.50 lb/bbl will provide effective protection of solids. Care should be exercised so that overtreatment does not occur due to the potential for fluid foaming.

Not recommended for addition to non-aqueous fluids like diesel OBM as severe water wetting of solids will occur.

Properties

Appearance ... Clear to slightly yellow liquid
Flash point > 300 deg F
Viscosity..... < 250 cP
Pour point..... < -20 deg F
Specific gravity1.03

Handling and storage

Use normal precautions associated with mixing operations. Refer to the product safety data sheet (SDS) for more information.

Packaging

Genesis GenWet™ is available in 275 gal totes.



SDS