



PRODUCT BULLETIN

ENVIROSPEC 500

Primary Oil Mud Emulsifier

General Description

ENVIROSPEC 500 is a concentrated, high performance, primary emulsifier for use in oil based drilling fluids. This unique emulsifier lowers interfacial tensions and preferentially oil wets rubbing metal surfaces, native and commercial solids, and provides strong EP properties to oil based mud systems. **ENVIROSPEC 500** also functions as a oil-in-water and well as a water-in-oil emulsifier. **ENVIROSPEC 500** is effective in naphthenic or paraffinic oils, No. 2 diesel, or crude oil with fresh or salt water intrusion. In oil based muds with water contamination it minimizes balling and wall sticking and increases drilling rates. This oil/water/mud helps plug permeable openings in the wall cake to aid in the control of fluid loss.

Application

Total mud volume should be calculated and 1 to 2 pounds per barrel of mud is recommended. Additions should be spread over a circulation.

Physical Properties

Viscosity	< 250
Specific Gravity	1.03
pH, 5% aqueous dispersion	7.0 - 9.0
Pour Point	42B F

Availability

ENVIROSPEC 500 is available in UN approved 55 gallon drums and bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.