

PRODUCT DATA SHEET

Genesis RP-524

Premium secondary emulsifier

High-temperature performance improvement



Description

Genesis RP-524 provides performance and cost benefits over competing secondary emulsifiers in all oil mud applications. A premium product, **Genesis RP-524** delivers improved fluid stability and emulsion strength at lower concentrations due to its robust chemistry.

Application

Genesis RP-524 is used to provide a combination of emulsification and oil wetting in inverse emulsion fluids. Designed for conventional diesel oil-based and synthetic inverts treated with lime and calcium chloride, **RP-524** produces a tight emulsion with high stability at low additive concentrations. Combined with conventional primary emulsifiers and wetting agents, it can provide needed performance or desirable cost reductions.

Product benefits

Genesis RP-524 provides viscosity control and control of fluid properties to bottom hole temperatures of 400°F and above.

The use of **RP-524** can be extended to less critical applications where it improves the fluid properties at much lower treating levels than conventional additives. This will result in lower costs and improved fluid stability.

Recommended treatment

In wells encountering high temperatures an initial treatment of 2 lb/bbl has proven effective in improving thermal stability of the viscosity, gel strengths, lower filtrate, and improved filter cake. After initial treatment, additions should be determined by changes in properties and estimated product concentrations. Typical treating volumes of **RP-524** will be 25% to 50% less than with typical less concentrated secondary emulsifiers.

Properties

Appearance Clear amber liquid
Flash point > 300 deg F
Viscosity 82 cSt
Pour point < -10 deg F
Specific gravity 0.95

Handling and storage

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

Packaging

Genesis RP-524 is available in 275 gal totes.



SDS