

# RESINEX

## ADVANTAGES

- Extends filtration control under adverse conditions
- Does not increase viscosity
- Resists contamination
- Reduces wall-sticking tendencies
- Contributes to the drilling of in-gauge holes
- Stabilizes rheological properties
- Compatible with a wide variety of water-base systems

## LIMITATIONS

- High electrolyte concentration may reduce performance and require increased RESINEX treatment
- Effectiveness reduced by excessive cement contamination, where high levels of excess lime and high pH occur

## RESINEX\* resinated lignite is designed to provide filtration control over a wide range of temperatures and in the presence of contaminants.

RESINEX is a temperature-stable, synthetically formulated resin and lignite complex, which has proven to be one of the most effective high-temperature filtration-control additives available.

### Typical Physical Properties

Physical appearance .....	Dark Brown Powder
Specific gravity.....	1.57 – 1.7
pH .....	8.8 - 9.2 (1% solution)
Bulk density.....	897 kg/m <sup>3</sup> (56 lb/ft <sup>2</sup> )

### Applications

RESINEX is a broad-application fluid loss control additive that can be used in virtually any water-base drilling fluid. In field applications, excellent results have been obtained in fresh water, brackish water, seawater, lime, gyp, lignosulfonate, polymer and non-dispersed systems. It also stabilizes and extends the temperature limitations and contamination resistance of water-base mud systems to above 200°C (400°F). It is effective in high-density drilling fluids where fluid-loss control can be achieved without an increase in viscosity. Normal treatment ranges from 6 to 17 kg/m<sup>3</sup> (2.1 to 6 lb/bbl) depending on the degree of filtration-control desired, the original drilling fluid system characteristics and the environment in which it is used. The product is designed to have a minimal effect on the viscosity of most drilling fluid systems; however, RESINEX may reduce viscosity of non-dispersed systems.

### Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

### Packaging and Storage

Resinex is packaged in 22.7 kg (50 lb), multi-wall, paper sacks.

Store in a dry location away from sources of heat or ignition, and minimize dust.



This information is supplied solely for informational purposes and M-I SWACO makes no guarantees or warranties, either expressed or implied, with respect to the accuracy and use of this data. All product warranties and guarantees shall be governed by the Standard Terms of Sale. Nothing in this document is legal advice or is a substitute for competent legal advice.

P.O. Box 42842  
Houston, Texas 77242-2842  
[www.miswaco.slb.com](http://www.miswaco.slb.com)  
Email: [questions@miswaco.slb.com](mailto:questions@miswaco.slb.com)