



## OIL AID-FR-30

### CATIONIC FRICTION REDUCER

#### DESCRIPTION

OIL AID-FR-30 is a white, powdered cationic friction reducer for acid, brines and fresh water.

#### APPLICATION

OIL AID-FR-30 greatly reduces surface treating pressure and hydraulic horsepower requirements when pumping acids, prepads or fracturing fluids.

#### RECOMMENDED TREATMENT

OIL AID-FR-30 is recommended at the rate of 0.5-5 pounds per thousand gallons (ppt) of fluid. At concentrations as low as 2.5 ppt gallons of 15% HCl, OIL AID-FR-30 can reduce friction pressure up to 50%. At 80° F, OIL AID-FR-30 is stable in acid for several hours and is compatible with most currently used acid inhibitors, surfactants and demulsifiers. Good engineering practices, however, dictate pilot tests for all designs to insure proper performance at downhole conditions.

#### HANDLING

In the event of spills, caution is required as OIL AID-FR-30 is very slick when wet. Minor skin irritation may occur on prolonged contact. Flush eyes for a minimum of 15 minutes if eye contact occurs. Goggles and gloves are recommended during handling.

#### PACKAGING

OIL AID-FR-30 is packaged in 50 lb multi-ply bags.

OIL AID-FR-30 is a Messina trademark

