

## INFORMATION

# OIL AID-FL-20

FLUID LOSS ADDITIVE

### DESCRIPTION

OIL AID-FL-20 is a fluid loss additive for HCl, HCl/HF and Acetic Acids. Its properties are:

Form	Milky white liquid
Specific Gravity at 100° F	0.989
Flash Point	200° F
Pour Point	5° F
pH (1% solution)	6.8
Solubility:	
In Oil	Soluble
In Acid	Dispersible
In Water	Dispersible

### APPLICATION

In acid fracturing, OIL AID-FL-20 is used as an acid fluid loss agent. The product is a dispersion of an oil soluble resin in a water soluble solvent and is highly dispersible in both acid and water. Because it is nonionic, it is compatible with acid inhibitors in both live and spent acid. The effectiveness of OIL AID-FL-20 is significantly reduced above 200° F. Returning acid has no effect on the product while produced crude solubilizes the resin and removes it from the formation.

### RECOMMENDED TREATMENT

Normal dosage for fluid loss control in acid is 10 gallons of OIL AID-FL-20 per 1000 gallons of acid. Higher concentrations can be used for use in exceptionally permeable formations.

**HANDLING**

Avoid contact with skin, eyes, and clothing. Avoid prolonged or repeated breathing of vapors and do not take internally.

**PACKAGING**

OIL AID-FL-20 is available in 55-gallon export quality drums or 5-gallon pails.

OIL AID-FL-20 is a Messina trademark