



## **OIL AID-EM-15**

### **FRACTURING FLUID EMULSIFIER**

#### **DESCRIPTION**

OIL AID-EM-15 is a cationic surfactant designed specially for use as a fracturing fluid emulsifier. OIL AID-EM-15 prepares stabilized oil-in-water emulsions which have exhibited excellent temperature stability up to 250° F (121° C). Its typical properties are:

Specific Gravity @ 60° F (15.5° C)	0.850
Flash Point	65° F
Pour Point	-40° F
Color	Pale Yellow

#### **APPLICATION**

OIL AID-EM-15 produces an emulsion with condensate, diesel, or light oils used in hydraulic fracturing stimulations. These viscous emulsions exhibit excellent proppant transport characteristics and are capable of carrying high concentrations of large proppants for long, wide fractures.

#### **RECOMMENDED TREATMENT**

OIL AID-EM-15 is used in concentrations of 0.1% to 2.0% by volume.

#### **HANDLING**

Goggles should be worn when handling this product. Prolonged exposure may cause skin irritation. In case of contact with the eyes, flush with water for 15 minutes and contact a physician.

#### **PACKAGING**

OIL AID-EM-15 is shipped in 55 gal steel drums.

OIL AID-EM-15 is a Messina trademark

