



OIL AID-EM-20

HIGH TEMPERATURE EMULSIFIER

DESCRIPTION

OIL AID-EM-20 is a combination of nonionic and anionic surfactants designed to maintain a stable oil-in-water emulsion to temperatures up to 400° F (204° C). OIL AID-EM-20 is used to make stable emulsions where the external aqueous phase comprises from 10% to 80%. Typical properties of OIL AID-EM-20 are:

Form	Yellowish Brown, Oily Liquid
Specific Gravity	1.0
Flash Point	> 180° C
Pour Point	-15° C
Viscosity @ 20° C	200 mPa (Brookfield)
Solubility	Soluble in Diesel Dispersible in Water

APPLICATION

OIL AID-EM-20 produces a stable emulsion with condensate, diesel, or light oils. OIL AID-EM-20 is premixed with the aqueous phase, then the hydrocarbon is added to the system with good mixing to ensure a uniform emulsion.

RECOMMENDED TREATMENT

OIL AID-EM-20 is used in concentrations of .5% to 2% by volume. Normal applications in sand control or stimulation require 5-6 gal OIL AID-EM-20 for each 1000 gal of total fluid volume.

HANDLING

OIL AID-EM-20 is essentially non-toxic. Intense contact with skin can cause irritation. Rinse affected area with water.

PACKAGING

OIL AID-EM-20 is available in steel 55 gal drums.

OIL AID-EM-20 is a Messina trademark