

INFORMATION

OIL AID-SS-50

SILT SUSPENDER

DESCRIPTION

OIL AID-SS-50 is a cationic surfactant used to increase ability of acid and spent acid to suspend the fine, insoluble particles released during acidizing operations. OIL AID-SS-50 is also a most effective foaming agent in a wide variety of stimulation fluids. Its typical properties are:

Form	Amber Liquid
Specific Gravity @ 16 °C (60 °F)	Approx. 0.890 - 0.94
Charge	Cationic
Solubility:	
in Water	Soluble
in 15% HCl	Soluble
in Kerosene	Soluble

APPLICATION

OIL AID-SS-50 is recommended as a superior silt suspender agent. A treatment rate of 1% by volume (10 gal/1000 gal) is typical for most applications for silt suspension. However, the exact loading to be used for any particular application should be determined by laboratory pilot testing prior to using in the field.

OIL AID-SS-50 is also an effective foaming agent for acid, fresh water, heavy brines or brines containing potassium or calcium ions. A treatment rate of 0.2 - 1.0% by volume (2-10 gal/1000 gal) is recommended with 0.5% being employed for foaming most fluids.

OIL AID-SS-50 is compatible with other cationic corrosion inhibitors and demulsifiers and most nonionic treating agents. Anionic agents, polyphosphates and non-cellulosic gelling agents are not recommended for use with OIL AID-SS-50. All formulations should be pre-tested before use to assure proper concentrations and compatibility of all components.

RECOMMENDED TREATMENT

To realize the full benefits of OIL AID-SS-50, the following typical mixing procedure for acid formulations is recommended.

1. Prepare the calculated quantity of water (and inhibitor) in the mixing tank.
2. Add 10 gal per 1,000 gal of final acid volume (or alternative loading, depending on your requirements).
3. Circulate and mix thoroughly to ensure even dispersion of OIL AID-SS-50.
4. Add the required quantity of acid concentrate.
5. Continue circulating to allow total uniformity of the finished fluid.

If this procedure is followed full dispersion and optimized utilization of OIL AID-SS-50 will be achieved.

HANDLING

OIL AID-SS-50 is a highly flammable liquid. Spills should be cleaned with absorbent material.

Goggles and rubber gloves should be worn while handling OIL AID-SS-50. In case of skin contact, wash thoroughly with soap and water. In case of eye contact flush immediately with water and seek medical attention. Good ventilation or a general purpose canister respirator is required. If distress occurs, remove to fresh air and seek medical attention.

PACKAGING

OIL AID-SS-50 is available in 55 gallon drums.

OIL AID-SS-50 is a Messina trademark