

OIL AID-AS-4

NON-EMULSIFIER AND ANTI-SLUDGE AGENT

DESCRIPTION

OIL AID-AS-4 is a strong anionic acid sludge preventor/non-emulsifier. The product is specially formulated to be more compatible with cationic acid corrosion inhibitors than similar competitive anionic surfactants. However, it should be pointed out that use of OIL AID-AS-4 will require an increased loading level of corrosion inhibitor to achieve the proper degree of protection. Normally, an increase in corrosion inhibitor loading of from 2 to 4 gallons per thousand gallons of acid over the normal loading will be sufficient. OIL AID-AS-4 is one of the most universally effective anti-sludge additives. A typical use level for sludge prevention would be 1.0% OIL AID-AS-4 (10 gpt). On some sludging crudes, while OIL AID-AS-4 will prevent sludge, the addition of a small amount (2 to 5 gpt) of another Messina demulsifier may be required for emulsion prevention. Its typical properties are:

Specific Gravity, 60° F	0.988
Weight, 60° F, lbs/gal	8.23
Flash Point, °F, SFCC	94
Pour Point, °F	-40
Viscosity, SUS 60° F	450
Viscosity, SUS 30° F	1200
Solubility, % in water	Soluble
% in 15% HCl	Dispersible
% in Kerosene	Dispersible *
Ionic Charge	Anionic
pH	5.5

* Somewhat dispersible, 50% or more separation within 5 minutes.

OIL AID-AS-4 is a blend of ammonium salts of aryl sulfonates and sulfated oxyalkylated alcohols in an aqueous alcohol solvent system.

HANDLING

Observe warning labels on containers. Normal precautions for industrial chemicals apply.

PACKAGING

OIL AID-AS-4 is available in 55 gallon drums.

OIL AID-AS-4 is a Messina trademark