



## OIL AID-AS-53

### ANTI-SLUDGE AGENT

#### DESCRIPTION

OIL AID-AS-53 is a specially formulated blend of surfactants primarily for use as an effective antisludge agent. The product also functions as a demulsifier and a wetting/dispersing agent. The properties of OIL AID-AS-53 are:

Form	Yellow to Brown Liquid
Pour Point	Less than 0° C
Flash Point	100° F
Solubility:	
in water	Soluble
in oil	Dispersible
in acid	Soluble
Charge	Anionic

#### APPLICATION

In acidizing operations, acid reacts with some crude oils to form a thick, asphaltic sludge that can block formation permeability. OIL AID-AS-53 prevents the formation of this sludge by stabilizing the colloidal constituents inherent in the acid/oil mixture. The product is also an extremely effective emulsion preventer, and demulsifier against a wide variety of oilfield emulsions. Other applications include use as a wetting agent and as a dispersant.

#### RECOMMENDED TREATMENT

Normal concentrations for prevention of sludge range from 2 to 10 gallons per 1000 gallons (gpt) of acid, with 5 gpt being a common treatment. Since OIL AID-AS-53 is anionic in nature, it is incompatible with many cationic additives. Treatment should be based on laboratory testing to determine optimum concentration.

#### HANDLING

OIL AID-AS-53 can cause severe damage to the eyes. Chemical goggles must be worn while handling. For eye contact, flush for 15 minutes with water and get immediate medical attention. Skin contact could cause irritation and possibly mild burns. Wash exposed area thoroughly with water.

#### PACKAGING

OIL AID-AS-53 is available in 55-gallon drums.