

## INFORMATION

# OIL AID-SI-525

### SCALE INHIBITOR

#### DESCRIPTION

OIL AID-SI-525 is a highly concentrated organic phosphonate designed to control calcium carbonate, calcium sulfate and barium sulfate scale. Its properties are:

Form	Amber Liquid
Specific Gravity	1.41
Pour Point, TOC	- 20 ° F
Flash Point	> 200 ° F
pH (1% Solution)	4.0-4.5
Solubility:	
in hydrocarbons	Insoluble
in fresh water	Soluble
in brines	Soluble

#### APPLICATION

OIL AID-SI-525 is soluble in most oilfield brines and is stable to 200° F. Its adsorption characteristics provide for long term protection. OIL AID-SI-525 is not compatible with some cross linked polymer systems, therefore tests should be run prior to treatment. The product is compatible with most other stimulation additives.

#### RECOMMENDED TREATMENT

In fracturing operations, a minimum of 2 drums of OIL AID-SI-525 should be used per well or producing zone, at a ratio of 1 to 10 in produced water. A typical treatment would be 2 drums in 20 barrels of water in either the spearhead or final stage. The product can be used throughout the treatment.

In acidizing, OIL AID-SI-525 is usually added to the produced water spearhead at a rate of 2 drums per 20 barrels of water, followed by the acid. It can also be added to the acid at 3-5 gallons per 1000 gallons HCl, if desired. It remains stable in 15% HCl up to 4 days at 160° F.

#### **HANDLING**

OILAIID-SI-525 may cause irritation to skin and eyes. Goggles are recommended while handling. In case of contact, wash skin with soap and water. Flush eyes with large amounts of water for 15 minutes and seek medical attention. Remove contaminated clothing and wash before reuse.

#### **PRODUCT COMPATIBILITY**

OILAIID-SI-525 is compatible with many construction materials including Copper, Aluminum, Brass, Mild Steel, 304 SS, 316 SS, Plasite, Rubber, PVC, Teflon, Vinyl, Plexiglass and Polyurethane, among others. It should not be used with Plasite 7122 or Neoprene.

#### **PACKAGING**

OILAIID-SI-525 is available in 55-gallon drums or 5-gallon cans.

OILAIID-SI-525 is a Messina trademark