

INFORMATION

OIL AID-AG-2

HIGH TEMPERATURE ACID GELLANT

DESCRIPTION

OIL AID-AG-2 is a proprietary polymer that is used to viscosify hydrochloric acid in strengths ranging from 15 to 28% and bottom hole temperatures ranging from 100° F (38° C) to 300° F (149° C).

APPLICATION

OIL AID-AG-2 is recommended for use in cases where it is desirable to viscosify acid for use in well stimulation. OIL AID-AG-2 may be used in matrix or acid fracturing applications in limestone, dolomite, or formations of mixed carbonates.

OIL AID-AG-2 maintains acid viscosity in high temperature conditions to enable retardation of acid reaction rate and reduced leak-off. OIL AID-AG-2 does not precipitate in calcium rich spent or near spent acid as will other acid viscosifiers of a polyacrylamide nature, and OIL AID-AG-2 will thin with pad fluids and connate water to enable rapid and complete cleanup after stimulation.

RECOMMENDED TREATMENT

OIL AID-AG-2 is a flowable powder that may be added to acid of any concentration using conventional field mixing equipment. OIL AID-AG-2 is stable in acid at ambient temperature for several days, and therefore can be mixed in advance of use. The concentration of OIL AID-AG-2 to be added to acid is dependant upon the viscosity desired (see viscosities of OIL AID-AG-2).

For matrix applications, or for low temperature applications, a loading of 7.2 kg/m or less is recommended.

HANDLING

OIL AID-AG-2 may cause mechanical irritation if inhaled. Use standard dusting hazard protective measures. Flush eyes with water for at least 15 minutes after exposure to the product. If OIL AID-AG-2 is ingested, give subject two glasses of water and induce vomiting. Seek medical attention.

PACKAGING

OIL AID-AG-2 is available in 50 lb bags.

OIL AID-AG-2 is a Messina trademark