

INFORMATION

OIL AID-AG-20

ACID GELLING AGENT

DESCRIPTION

OIL AID-AG-20 is a cationic surfactant used to thicken 15% hydrochloric acid used in acidizing or fracturing treatments.

OIL AID-AG-20 is an amber liquid with a density (at 60°F) of 7.39 ppg, pH of 5.5, flash point (TCC) < 60°F, and pour point (2000 cps) -4°F. It is soluble in crude oil, HCl, and fresh water and dispersible in high TDS brines.

APPLICATION

OIL AID-AG-20 should be added to the acid and mixed thoroughly to ensure uniform distribution.

RECOMMENDED TREATMENT

It is recommended that OIL AID-AG-20 be used in a range of 2 (20 gal per thousand gallons of HCl) to 4% (40 gal per thousand gal of HCl). See rheological data below.

SAFETY AND HANDLING

OIL AID-AG-20 is a flammable liquid. An MSDS on OIL AID-AG-20 is available.

PACKAGING

OIL AID-AG-20 is packaged in 55 gal steel drums palletized for export.

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).

OIL AID-AG-20 is a Messina trademark