



OIL AID-WX-50

CROSSLINKING AGENT

DESCRIPTION

OIL AID-WX-50 is a white, solid crosslinking agent which is soluble in fresh water or brine solutions. Its properties are:

Form	White Granule
Specific Gravity	1.43
Bulk Density	42 lb/ft ³

APPLICATION

OIL AID-WX-50 can be used to crosslink polymer solutions made from OIL AID-WG-40, WG-41, WG-43, and WG-50 with a pH of 7.0-8.5. Fracturing fluids crosslinked with OIL AID-WX-50 provide greater viscosity and sand carrying capacity than conventional fracturing fluids and are designed to create wide, highly conductive and deeply penetrating fractures.

RECOMMENDED TREATMENT

OIL AID-WX-50 can effectively crosslink the polymers listed above in concentrations from 1.2 lb to 5.0 lb per 1000 gal of polymer solution. In batch mixed fracturing operations 10% of the mix water is segregated and the OIL AID-WX-50 is hydrated in this portion and added to the gel on-the-fly. Fracturing gels with a high pH (8.0-9.0) require approximately 1.2 lb per 1000 gal of OIL AID-WX-50 and fracturing gels with a pH of 7.0-8.0 require up to 5 lb per 1000 gal of OIL AID-WX-50. OIL AID-WX-50 can also be used in continuous mix operations. Data on Messina's continuous mix fracturing fluid are available on request. Laboratory testing is required to determine the specific concentration of OIL AID-WX-50 required for specific polymer loadings.

HANDLING

OIL AID-WX-50 may cause some irritation to the eyelids. Eye protection should be worn when handling. For eye contact, wash affected area with water. If skin contact occurs wash with soap and water. OIL AID-WX-50 can be irritating to the nose and throat and dust masks or chemical respirators should be worn when dusty conditions prevail.

PACKAGING

OIL AID-WX-50 comes in 50 lb (22.7 kg) bags.

OIL AID-WX-50 is a Messina trademark