

## INFORMATION

# OILAIID-WX-50

### CROSSLINKING AGENT

#### DESCRIPTION

OILAIID-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

#### APPLICATION

OILAIID-WX-50 can be used to crosslink polymer solutions made from OILAIID-WG-40, WG-41, WG-43, and WG-50 with a pH of 7.0-8.5. Fracturing fluids crosslinked with OILAIID-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

OILAIID-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 OILAIIDWX-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 OILAIID-WX-50 and fracturing gels with a pH of 7.0-8.0 require up to 5 lb per 1000 gal of OILAIID-WX-50. OILAIID-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 OILAIID-WX-50 required for specific polymer loadings.

#### HANDLING

OILAIID-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. OILAIID-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