

## INFORMATION

# OIL AID-WG-49

LOW-RESIDUE WATER GELLANT WITH INTERNAL BREAKER

### DESCRIPTION

OIL AID-WG-49 is a high-performance low-residue water soluble polymer package which features an integral buffering system. This system serves to create optimum pH conditions in the mix water to promote rapid wetting and dispersion of OIL AID-WG-49, with hydration retarded sufficiently to avoid lumping and waste of the polymer. The product is an off-white to buff powder.

### APPLICATION

OIL AID-WG-49 is used as a gellant in water-base fracturing fluids, providing viscosity for fracture propagation and proppant transport. OIL AID-WG-49 can be cross linked with a selection of suitable Messina OIL AID-WX crosslinkers, and can be used over a broad temperature range. OIL AID-WG-49 functions efficiently in fresh, salt, and KCl waters.

The product also works in calcium chloride brines up to about 28% TDS.

### RECOMMENDED TREATMENT

OIL AID-WG-49 is used at polymer loadings in the range of 20 to 60 lb per 1,000 gal of water in most applications (2.39 to 7.18 kg/m<sup>3</sup>), depending on specific requirements and operating conditions.

### PACKAGING

OIL AID-WG-49 is packaged in 50 lb and 25 kg multi-layer paper bags with PE moisture barrier.

OIL AID-WG-49 is a Messina trademark