

INFORMATION

OIL AID-WB-30

OXIDIZING BREAKER FOR WATER GELLANTS

DESCRIPTION

OIL AID-WB-30 is an inorganic compound which is used in aqueous gelled fluid systems to reduce or "break" the viscosity of the system after application. The product is a white crystalline material.

APPLICATION

OIL AID-WB-30 is added on-the-fly to aqueous frac fluids as they are pumped into a well.

The oxidative action of OIL AID-WB-30 begins, after a time, to degrade the polymer gellant in the fluid. Break time can be varied with dosage of the breaker, temperature of the fluid, and gellant concentration.

For more precise control of dosage, OIL AID-WB-30 is sometimes dissolved in water and the resulting solution is carefully metered into the fluid system.

OIL AID-WB-30 is applicable up to fluid temperatures of 180° F (82° C).

RECOMMENDED TREATMENT

OIL AID-WB-30 is used at concentrations of 0.1 to 0.5-lb/1000 gal in most applications.

Break times of 4 to 24 hours can be achieved for 40-lb, 50-lb, and 60-lb/1000 gal gels. Pilot testing during treatment design is of course essential.

HANDLING

OIL AID-WB-30 is a strong oxidizer and as such represents a fire hazard.

PACKAGING

50 lb or 25 kg sacks. Other package sizes available on request.

OIL AID-WB-30 is a Messina trademark