

## INFORMATION

# OIL AID-CS-30

CLAY STABILIZER FOR ACID & WATER-BASE FRACTURING FLUIDS

### DESCRIPTION

OIL AID-CS-30 is a liquid cationic organic compound. Unlike many clay stabilizers, OIL AID-CS-30 is not acidic, and is therefore compatible with high-pH frac fluids. OIL AID-CS-30 is compatible with most crosslinked fluids, and is effective to very high temperatures.

### APPLICATION

OIL AID-CS-30 functions to inhibit swelling, cleavage, and dispersion of in-situ clays in formations subjected to either acid stimulation or fracture treatment with water-base fluids. In the absence of a suitable clay stabilizer, such clays can seriously impair return permeability and fracture conductivity, due to undesirable chemical and physical interreaction with the aqueous fluid.

### RECOMMENDED TREATMENT / PRODUCT USAGE

Product loading normally ranges from 3 to 5 gallons per 1000 gallons (3-5 litres per cubic meter).

### PACKAGING

OIL AID-CS-30 is packaged in 55 gallon (208 litre) lined steel drums.

OIL AID-CS-30 is a Messina trademark