SCALE P

Scale Inhibitor

Product Description

SCALE P is soluble in most water-base fluids including calcium chloride and calcium bromide completion brines. SCALE P inhibitor exhibits good thermal stability.

Typical Physical Properties

Physical appearance	Clear, yellow liquid
Specific gravity	1.34 -1.37
Solubility	Soluble in water
Flash Point	> 200°F (93°C)

Application

SCALE P inhibitor is a phosphonic acid that inhibits scaling caused by calcium sulfate, barium sulfate and calcium carbonate.

It is intended to be used as a solution in the entire completion fluid system. Solutions can be made between 25 to 1,000 ppm, depending on solids concentration, the density of the brine and the severity of scaling problems.

Advantages

- Effective in calcium chloride- and calcium bromide-base completion fluids
- Inhibits formation damage caused by precipitation of carbonate scale from calcium-containing fluids
- Compatible with monovalent brines

Recommended Treatment

Typical concentration of SCALE P additive in a calcium-base completion fluid is 0.05 to 0.1% by volume.

Toxicity and Handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

SCALE P lubricant is packaged in 5-gal (18.9-L) cans and 55-gal (208-L) drums. Store in a dry location away from sources of heat or ignition, and minimize dust.