

FORSA SCW82451 scale inhibitor

Inhibits mineral scale formation in oilfield systems

Applications

- Conventional or unconventional
- Squeeze treatment
- Onshore
- Offshore

Features and Benefits

- Provides inhibition for calcium carbonate and barium, calcium, and strontium sulfate scales
- Thermally stable – Stable at elevated temperature
- Brine solubility – Compatible in low to high dissolved solids brines
- Excellent cold weather handling properties
- Efficient scale squeeze inhibitor
- Minimizes treatment cost
- Reduces downtime and maintenance

FORSA SCW82451 scale inhibitor from Baker Hughes is a phosphonate-based scale inhibitor effective for control of calcium carbonate, calcium sulfate, barium sulfate, and strontium sulfate scales. FORSA SCW82451 scale inhibitor controls scale formation by crystal distortion and threshold inhibition mechanisms.

FORSA SCW82451 scale inhibitor exhibits excellent thermal stability and is compatible with high dissolved solids brines.

FORSA SCW82451 scale inhibitor is applied in producing wells, surface equipment, water disposal and used in squeeze applications. Your Baker Hughes representative will conduct a system study to determine the optimum injection location and dosage rate to ensure successful treatment.

Inject FORSA SCW82451 scale inhibitor continuously at a point upstream of the location where deposition occurs. Typical treating rates range from 10 to 50 ppm, based on water production, depending on the severity of the problem.

Materials compatibility

Suitable

Metals:	Stainless steel 316, stainless steel 304
Plastics:	Polyethylene HD, Polypropylene Hd, Hylon 11, Hytrel® 6356
Elastomers:	Nitrile Buna N, PTFE, Viton® 75, EPDM, Viton® 58 Shore 90

Not Suitable

Metals:	Mild steel, aluminum
Elastomers:	HNBR

Safety and handling

Before handling, storage, or use, review the Safety Data Sheet (SDS) for guidance.

Typical properties

Relative density 60°F (15.6°C)	1.204 to 1.274
Melting point/ freezing point	>-0.4°F (-18°C)
pH	1.9 to 2.4
Viscosity at 104°F (40°C)	<10 cSt