

# FORSA SCW88221 scale inhibitor

## Control barium sulphate scale in oilfield systems

### Applications

- Offshore
- Onshore
- Continuous treatment

### Features and Benefits

- Effective for most types of scale control
  - Provide versatility under changing conditions
  - Thermally stable up to approx. 100°C

FORSA™ SCW88221 scale inhibitor from Baker Hughes is an environmentally-friendly polymer and phosphate ester combined based scale inhibitor.

FORSA SCW88221 offers lower toxicity and increased biodegradation compared to traditional chemistries, and is especially recommended for control of barium sulphate deposition. It also inhibits against calcium carbonate and strontium sulphate type scales – especially in environmentally sensitive areas, such as offshore applications.

FORSA SCW88221 scale inhibitor mitigates scale formation by functioning as a crystal modifier, and was designed to be effective under high suspended solids loading.

FORSA SCW88221 scale inhibitor is effective in fresh water and brines. For continuous injection, the usage concentration will typically vary from 2 to 35 ppm depending on the severity of the scaling condition. This product is also a winterized formulation so it can be used in different climates.

### Materials compatibility

#### Suitable

- Metals: 304 stainless steel, 316 stainless steel
- Plastics: Polyethylene HD, polypropylene HD, Teflon®
- Elastomer: Buna N, VITON® 58 Shore 90, HNBr, EPDM, Viton 75, PTFE

#### Not suitable

- Metals: Aluminum

*Materials suitability is based on analysis of test results obtained under specified laboratory conditions (60°C). All materials selection should be based on actual application. Testing results for materials will be made available on request.*

### Safety and handling

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

### Typical properties

Relative density at 60°F (16°C)	Approx. 1.23
Freezing point	<5°C (<-15°C)
Flash point	>176°F (>80°C)
pH	Approx. 6
Viscosity at 60°F (16°C)	<10 cSt