

FORSA PAO86 Paraffin Dispersant

Paraffin dispersant for use in oil and gas production

Applications

- Conventional
- Unconventional
- Onshore

Features and Benefits

- Removes paraffin deposits
 - Improves production
- Controls paraffin deposition
 - Lowers maintenance costs
 - Keeps production systems clean and flowing
- Non-emulsifying
 - Will not aggravate system emulsion problems
- Excellent cold weather handling properties
 - Requires minimal storage and pumping
 - Product remains fluid in winter months
- Special applications
 - Gas-lift approved for 32 to 212 °F (0 to 100 °C)

The **FORSA™ PAO86 paraffin dispersant** from Baker Hughes is a blend of cationic paraffin dispersants and cleaners in an aromatic solvent. The cleaners remove the paraffin deposits from production equipment, the dispersants work to disperse the wax particles back into the crude oil and the aromatic solvent aids in penetrating and dissolving the deposits.

FORSA PAO86 paraffin dispersant is non-emulsifying in most systems. It keeps the chemical fully available for paraffin treating and eliminates downstream emulsion problems.

Recommended Treatment

For the removal of an existing deposit downhole or in surface equipment, a large batch of 200 to 400 liters of FORSA PAO86 paraffin dispersant may be added to the system, or the chemical can be mixed with hydrocarbons or well fluids and circulated. A minimum contact time of 2 to 4 hours may be required to ensure complete removal of deposits. The system may be maintained by batching with 20 to 40 liters at regular intervals.

Depending on the severity of the problem, FORSA PAO86 paraffin dispersant may be added continuously at rates of 200 to 2000 ppm, based on oil production.

Your Baker Hughes representative can evaluate your system, specify the appropriate treatment and equipment, and design a comprehensive application program.

Materials Compatibility

Suitable

Metals:	Aluminum, mild steel, 304 stainless steel, 316 stainless steel
Plastics:	HD polyethylene, TEFLON®
Elastomers:	VITON®

Not Suitable

Metals:	Admiralty brass, copper
Plastics:	HD polypropylene, linear polyethylene, PVC
Elastomers:	Buna N, neoprene, CSM, EPDM

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

Typical Properties

Appearance	Amber liquid
pH	Not applicable
Specific gravity at 60°F (15.6°C)	0.900
Typical Density at 60°F (15.6°C)	7.53 lbs/US gal (900 kg/m ³)
Flash point, SFCC	78.8 °F (26 °C)
Pour point	-40 °F (-40 °C)

Safety and Handling

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