

TRETOLITE DMO46X Demulsifier

Effectively manage crude oil treating systems

Application

The Baker Hughes TRETOLITE™ DMO46X demulsifier is a surface-active agent engineered to enhance the separation of water and unrefined crude oil in produced crude oil treating systems. It is a synergistic blend of sulfonates and oxyalkylated phenolic resins in a complex aromatic/alcohol solvent.

This demulsifier effectively and economically treats regular, water-in-oil emulsions occurring in produced crude oil. In batch treating applications, it breaks up accumulated emulsion or interface pad buildup and gets your system operating at its most efficient and productive rate.

This product may be applied at the wellhead or the header system, before the free water knockout, or before the heater treater. Typical treating rates vary from 25 to 250 parts per million, depending on the severity of the emulsion and type of treating system. The most cost-effective rate should be determined by onsite consumption and BS&W evaluations.

TRETOLITE DMO46X may also be used for some slop oil remediation where the dosage rates may be 250 to 10,000 ppm.

Materials Compatibility

Suitable

Metals: admiralty brass, aluminum, copper, mild steel, 304 stainless steel, 316 stainless steel

Plastics: HD polyethylene, HD polypropylene, linear polyethylene, TEFLON®

Elastomers: Buna N, VITON®

Not Suitable

Plastics: PVC

Elastomers: neoprene, CSM, EPDM

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.

Applications

- Conventional oil
- Onshore

Features and benefits

- Fast and complete water drop
 - Produces saleable oil fast
- Reduces treating temperature requirements
 - Saves fuel costs
- Produces clean effluent water
 - Reduces filter plugging and disposal costs
- Excellent cold weather handling properties
 - Has minimal pumping and storage requirements

Typical properties

Specific gravity at 60°F (16°C)	0.958
Typical density at 60°F (16°C)	7.98 lbm/US gal (956.21 kg/m ³)
Flash point, PMCC	116°F (47°C)
Pour point	-40°F (-40°C)
pH	6.5 – 9.5
Viscosity at 100°F (38°C)	11.7 cP
Solubility	Water dispersible

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