

## **PRO-303 Paraffin Inhibitor & Dispersant**

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PRO-303 is a xylene based paraffin inhibitor and dispersant.

### **Product Information**

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Paraffin wax is formed during oil and gas production when oil is cooled or lighter ends that keep wax in suspension are removed. Wax is the fraction of oil containing between twenty and forty carbons and having a melting point greater than 37°C. Factors that affect the precipitation of waxes are fluid temperature, gas production and crude oil composition. If left untreated, a wax buildup can completely restrict tubing strings and surface flowlines causing crude oil production to cease.

### **Product Use Information**

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For best results PRO-303 should be continuously injected prior to wax formation where the surfactant can modify the wax crystal structure into a finely dispersed solution.

Typical injection rates for PRO-303 vary depending on the crude oil encountered but concentrations of 100 – 2000 ppm have been sufficient to eliminate wax production concerns.

## **Physical Properties**

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Density,	0.75 – 0.80
Form,	Liquid
pH,	N/A
Appearance,	Light Brown
Solubility,	
	Fresh Water – Soluble
	Oilfield Brine – Soluble
	Methanol – Soluble
	Aromatic Solvent – Soluble

## **Material Compatibility Information**

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Metals: 316 Stainless steel

Plastic: HD polyethylene  
HD polypropylene  
Teflon

Elastomers: Polytetrafluoroethylene [Teflon]  
Viton

## **Paraffin Monitoring Techniques**

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- Wellhead pressure
- Improved pump efficiency
- Reduced hot oiling requirement
- Wax coupons