

Silbreak™ 639 Silicone Demulsifier

Description

Silbreak 639 silicone demulsifier is an excellent candidate to consider for use to effectively break water-in-oil emulsions, particularly those associated with crude oil production. It may also be effective in dehazing diesel fuel and in demulsifying used lube oils and slops.

Key Features and Benefits

- Powerful demulsification effect, particularly when combined with polyols
- Significant dehazing ability in distillate liquids
- Effective at low dosage levels

Typical Physical Properties

| Property | Unit | Value |
|--------------------------------------|----------------------------------|---|
| Appearance | - | Clear, straw liquid |
| RSN ⁽¹⁾ | - | 17.1 |
| Density at 20°C | g•cm ⁻³ | 1.049 |
| Viscosity at 20°C | mm ² •s ⁻¹ | 200 |
| Flash Point Pensky-Martens ASTM D-93 | °C | 121 |
| Solubility | - | Aromatic hydrocarbons, higher alcohols and water (steam condensate) |

1) Established using toluene/dimethoxyethane solution as described in the reference J. Wu et al.

Colloids and Surfaces A: 232 (2004) 229-237.

Patent Status

Standard copy to come

Product Safety, Handling and Storage

Standard copy to come

Limitations

Standard copy to come

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