

## 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 <sup>(1)</sup>                   | -                                | 17.1  |
| Density at 20°C                      | g•cm <sup>-3</sup>               | 1.049   |
| Viscosity at 20°C                    | mm <sup>2</sup> •s <sup>-1</sup> | 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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