

Witbreak DTG-62

Triol Oxyalkylate

Nonionic polyoxyalkylene glycol water dropper and water in oil demulsifier

Specifications

Appearance	White paste at 25°C
Clear point	57-66 (135-150°F) °C
Color	0-5.0 Gardner
Moisture	≤ 0.50 %

Characteristics

Appearance	Solid off-white at 25°C
Brookfield viscosity, 77°F	Solid cps
Density	8.6 Lbs/Gal at 25°C
Flash point	≥93.3 C
Odor	Bland
pH	10 (5% in 3:1 IPA/H2O)
Pour point	26.7 °C
Relative Solubility Number	23.4
Water content	≤ 0.5 %
Solubility: 10% in Aromatic 150	Soluble
Solubility: 10% in Isopropyl Alcohol	Dispersible
Solubility: 10% in Kerosene	Insoluble
Solubility: 10% in Water	Dispersible
Solubility: 10% in Xylene	Soluble
Solubility: 50% in Aromatic 150	Dispersible
Solubility: 50% in Isopropyl Alcohol	Dispersible
Solubility: 50% in Kerosene	Insoluble
Solubility: 50% in Water	Gel
Solubility: 50% in Xylene	Soluble

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Applications

Witbreak DTG-62 is a polyoxyalkylene glycol. Witbreak DTG-62 works by effectively neutralizing the strength of the natural emulsifying agent, allowing the finely dispersed water droplets to coalesce. As the tiny water droplets merge into progressively larger and heavier drops, the water settles and the oil rapidly rises to the top. The result is a sharp, well-defined oil/water interface and bright, clean and marketable oil.

Additional information

Witbreak DTG-62 is one of Nouryon's high performance emulsion-breaker chemicals. The Witbreak DTG-62 has been specially developed to provide fast resolution of stable emulsions in which water is the internal phase and oil is the external phase. The Witbreak DTG-62 displays exceptional water dropping, desalting and oil brightening characteristics. Witbreak DTG-62 has been proven to be especially effective in the control of interface problems. Its unique chemistry enables this intermediate to be formulated to achieve very specific applications for the economical treatment of a wide variety of crudes including waste oils. Finished formulations may be used in typical continuous treatment systems as well as downhole and in batch applications, optimizing the oil treatment process.

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The Nouryon logo consists of a stylized orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font, all in orange.