

Supplier - SMART OIL
FoamQuer 8016
Tankside Defoamer
High Performance Water-Based Defoamers

Typical Properties

Appearance	Milky White To Light Yellow Liquid
Specific Gravity @ 25°C	0.950 - 1.050
Vis. @25°C, cp	30 - 400
Solid Content, %wt.	40 - 60
pH Value (50% Water Dilution)	6.0 - 9.0

Product Description

FOAMQUER 8016 is designed to use for tankside addition, which is a modified organosiloxane emulsion with an optimal of hydrophobic and hydrophilic balance in the molecule; which indulge the contradicted properties of defoaming characteristic and system compatibility coexist. The unique package enables it perform well in the concentrates of various industrial fluids such as cleaners and cutting fluids, also for applications in paint spray booths.

FOAMQUER 8016 possesses defoamer characteristics of low surface tension with high spreading coefficient; right droplets size to rupture the foam cell lamellas; which results in swift foam collapse.

FOAMQUER 8016 is significantly cost-effective when compared to traditional PDMS based or siloxane polyether based defoamers. The compound possesses fast foam knock-down and good washability characteristic that will not impair subsequent finishing operation such as painting or plating. By virtue of unique molecular structure, the product is readily dispersible in water systems, and will not be prone to self-agglomeration during application or storage.

FOAMQUER 8016 can work well in systems with pH higher than 12 and under high shear machining conditions.

Recommended Starting Dosage Level

The recommended starting dose for the tankside addition is 0.005% or 50 ppm by wt. Besides, product can also be used in concentrate and the recommended dosage is 0.1% to 0.2% by wt. The actual dosage is depend on the actual recipes and machining condition.

Storage and Use Condition

- Always mix thoroughly before use, as phase separation will occur after long storage time;
- Storage under normal temperature up to 60°C;
- Should be placed in closed, ventilated area; do not expose to direct sunlight, and away from heat sources.

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