

Supplier - SMART OIL

**FoamQuer 8619**

*Concentrate & Tankside Additive*

*High Performance Water-Based Defoamers*

**Typical Properties**

Appearance	Milky White To Light Yellow Liquid
Specific Gravity @ 25°C	0.990 - 1.060
Vis. @25°C, cp	500 - 1500
Solid Content, %wt.	> 80
pH Value (50% Water Dilution)	6.5 - 8.5

**Product Description**

**FOAMQUER 8619** is a compound of modified-siloxane emulsion containing highly non-volatile components with optimal of hydrophobic and hydrophilic balance; which indulge the contradicted product 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 8619** possesses low surface tension with high spreading coefficient; and appropriate droplets size to rupture foam cell lamellas; which results in fast foam collapses.

**FOAMQUER 8619** is significantly cost-effective when compared to traditional PDMS-based or siloxane polyether-based defoamers. Apart from the fast foam knock-down characteristic, it possesses good washing property , so it is suitable for secondary processing like paint spray. By virtue of its unique molecular structure, the product is readily dispersible in water dilutable systems to maintain a clear system. It is not prone to self-agglomeration during usage and storage, so can ensure the passage in the system pipes.

**FOAMQUER 8619** can be used in systems with pH higher than 12, and also with good performance in high-shear machining conditions.

**FOAMQUER 8619** can also be used as tankside additive in water dilutable systems.

**Recommended Starting Dosage Level**

The recommended dosage range is 0.05 - 0.2% (500 - 2000ppm). However, the optimal dosage depends on system formulation. For tank-side addition, recommended starting dosage is 0.005% (50 ppm).

**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 container within shaded and ventilated area; do not expose to direct sunlight, and away from heat sources.

**Applications**

Concentrate  
Tankside

**Suggested Treat Rate**

0.005% - 2%  
0.005% or 50ppm

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