

Supplier - SMART OIL

## FoamQuer 8629

Concentrate & Tankside Additive

High Performance Water-Based Defoamers

### Typical Properties

|                               |                                    |
|-------------------------------|------------------------------------|
| Appearance                    | Milky White To Light Yellow Liquid |
| SG@25°C                       | 0.990 - 1.060                      |
| Viscosity@25°C, cp            | 300 - 900                          |
| Non-Volatile Content, %       | > 98                               |
| pH Value (50% Water Dilution) | 7.0 - 8.0                          |

### Product Description

**FOAMQUER 8629** 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 8629** possesses low surface tension with high spreading coefficient; and appropriate droplets size to rupture foam cell lamellas; which results in fast foam collapses.

**FOAMQUER 8629** 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 8629** can be used in soluble oils, semi-synthetic and synthetic systems , and also with good performance in high-shear machining conditions.

**FOAMQUER 8629** 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.

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