

FUNCTIONAL DF-110

Defoamer for Synthetic Lubricants

APPLICATION:

FUNCTIONAL DF-110 is a versatile silicone defoamer for excellent foam reduction in full synthetic formulations based in Group III oil or PAO with high amounts of polyolefin or polybutene thickener. These base fluid blends are typically used in full synthetic automotive and industrial gear oils.

FUNCTIONAL DF-110 has minimal hazard labeling.

COMPOSITION:

FUNCTIONAL DF-110 is a concentrated silicone polymer dispersion in low polarity base fluid blend.

Typical Properties	
Defoamer Chemistry	Silicone
Appearance	Colorless, Hazy
Odor	Mild
Pounds Per Gallon	6.75
Typical Flash Point (ASTM D92, COC)	104°C / 220°F
Kinematic Viscosity at 40°C (ASTM D445)	5 cSt

TREATMENT LEVEL:

0.05wt% **FUNCTIONAL DF-110** is effective as a top treat to adjust foam in methods like ASTM D892 Sequence I, II, or III.

0.20wt% **FUNCTIONAL DF-110** may be needed when used as the only defoamer.

HANDLING:

Store at room temperature. Shake container thoroughly before use. Material should look hazy.

The products should be used in a well-ventilated area; see the current Safety Data Sheet.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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