

PXF 170 Silicon Based Antifoam Inhibitor

Application

PXF170 is a silicone base antifoam. **PXF170** is a dimethylpolysiloxane polymer with linear chains. It can be used as Foam Inhibitor for motor oil formulations.

Features

- Excellent thermal stability.
- Good resistance to combustion.
- Good dielectric properties.
- Low freezing point.
- High compressibility.
- Good oxidation resistance.
- Absence of ageing under exposure to weather conditions.
- Low variation of viscosity with temperature.
- Good shear resistance.
- Non-miscible with most of organic materials.
- Soluble in aromatic, aliphatic and chlorinated solvents.
- Insoluble in water and alcohols.

Recommended Dosage

The recommended dosage is 30 to 50 ppm.

Procedure

Prepare a master batch as follows:

Dodecyl benzene (Kerosene)	99.9 % wt.
PXF170	0.1 % wt.

The treat level range is between 0.030 % wt to 0.050 % wt of the above master batch and depends on the quality of base oil being used. For specific application please contact the company.

Typical Data

Property	Method	Value
Appearance	Visual	Clear, Colorless Liquid
Color	ASTM D6045	L 0.5
Density @ 25 °C, g/ml	ASTM D1298	0.973
Flash Point (COC), °C	ASTM D92	>300
Fire Point, °C	ASTM D93	>350
Pour Point, °C	ASTM D97	-45
Refractive Index @ 25 °C	-	1.404

Storage, Handling & Toxicity

When stored in its original unopened packaging at a temperature of between -20 °C and +50 °C, it may be stored for up to 36 months from its date of manufacture. Comply with the storage instructions and expiry date marked on the packaging. For specific safety, handling and toxicity information please refer to the current Material Safety Data Sheet (MSDS) available from the company.