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215 639-2640

Oxidation Threshold

Oxidation Threshold is defined as the temperature at which a significant amount of oxidation by-products start to appear. Below this temperature, some oxidation will occur which will not adversely affect the useful life of the silicone fluids.

The following table compares the Oxidation Threshold of several silicone and organic fluids. This information is offered for comparison purposes only with the suggestion that user perform his own appropriate tests.

FLUID	Oxidation Threshold, Temp °C (°F)
PM-125	271 (520)
PSF Fluids (+100cSt)	204 (400)
PSF-350cSt	204 (400)
Dibasic Acid Ester	66 (150)
Petroleum Oil	66 (150)