

Nye Lubricants 833Z-1 (FG) Synthetic Oil

Category : Fluid , Lubricant , Perfluoropolyether (PFPE) , PTFE Gellant

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-833Z-1-FG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	90	90	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	23 cSt	23 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	4.0 cSt	4.0 cSt	Base Oil; ASTM D445
Evaporation Loss	5.0 %	5.0 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	350	350	ASTM D217
Penetration P(60), 1/10 mm	410	410	ASTM D217
Oil Separation	15 %	15 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	175 °C	347 °F	Recommended
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	Recommended
Pour Point	-63.0 °C	-81.4 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PFPE(pnd)	
Gellant Type	PTFE	

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