

Nye Lubricants UniFlor 8311 (833-1) (UF) 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-UniFlor-8311-833-1-UF-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	2.5 %	2.5 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	316	316	ASTM D217
Penetration P(60), 1/10 mm	339	339	ASTM D217
Oil Separation	8.7 %	8.7 %	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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