

Nye Lubricants UniFlor 8511U (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-8511U-UF-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	258	258	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	65 cSt	65 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	16 cSt	16 cSt	Base Oil; ASTM D445
Evaporation Loss	0.10 %	0.10 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	264	264	ASTM D217
Penetration P(60), 1/10 mm	279	279	ASTM D217
Oil Separation	5.4 %	5.4 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	225 °C	437 °F	Recommended
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	Recommended
Pour Point	-54.0 °C	-65.2 °F	Base Oil; ASTM D97

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

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