

## Nye Lubricants UniFlor 8623G (UF) Synthetic Oil

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

**Material Notes:**

Information provided by Nye Lubricants.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nye-Lubricants-UniFlor-8623G-UF-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-UniFlor-8623G-UF-Synthetic-Oil.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	144	144	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	510 cSt	510 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	47 cSt	47 cSt	Base Oil; ASTM D445
Evaporation Loss	0.050 %	0.050 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	214	214	ASTM D217
Oil Separation	2.78 %	2.78 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 °C	482 °F	Recommended
Minimum Service Temperature, Air	-25.0 °C	-13.0 °F	Recommended
Pour Point	-20.0 °C	-4.00 °F	Base Oil; ASTM D97

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

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