

## Nye Lubricants UniFlor 8182 (837) (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-8182-837-UF-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-UniFlor-8182-837-UF-Synthetic-Oil.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	132	132	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	255 cSt	255 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	26 cSt	26 cSt	Base Oil; ASTM D445
Evaporation Loss	0.030 %	0.030 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	260	260	ASTM D217
Penetration P(60), 1/10 mm	281	281	ASTM D217
Oil Separation	2.7 %	2.7 %	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	-25.0 °C	-13.0 °F	Recommended
Pour Point	-29.0 °C	-20.2 °F	Base Oil; ASTM D97

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

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