

Nye Lubricants 838G (FG) Synthetic Oil

Category : Fluid , Lubricant , PTFE Gellant , Silicone Base

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-838G-FG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	734	734	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	81000 cSt	81000 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	34000 cSt	34000 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	200	200	ASTM D217
Oil Separation	2.0 %	2.0 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	Recommended
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	Recommended
Pour Point	-33.0 °C	-27.4 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	Sil.(Dimeth)	
Gellant Type	PTFE	

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