

Nye Lubricants 868L (FG) Synthetic Oil

Category : Fluid , Lubricant , Polyalphaolefin (PAO) , PTFE Gellant

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-868L-FG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	251	251	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	2054 cSt	2054 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	253 cSt	253 cSt	Base Oil; ASTM D445
Evaporation Loss	0.20 %	0.20 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	303	303	ASTM D217
Penetration P(60), 1/10 mm	295	295	ASTM D217
Oil Separation	1.03 %	1.03 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	Recommended
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Recommended
Pour Point	-37.0 °C	-34.6 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PAO	
Gellant Type	PTFE	

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