

Nye Lubricants 670 (NG) Synthetic Oil

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

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-670-NG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	152	152	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	194 cSt	194 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	23 cSt	23 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	272	272	ASTM D217
Penetration P(60), 1/10 mm	291	291	ASTM D217
Oil Separation	2.0 %	2.0 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	Recommended
Minimum Service Temperature, Air	-34.0 °C	-29.2 °F	Recommended
Pour Point	-40.0 °C	-40.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PAO	
Gellant Type	Silica (WL)	

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