

Nye Lubricants 781D (NG) Synthetic Oil

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap Gellant , Silicone Base

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-781D-NG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	371	371	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	55 cSt	55 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	19.5 cSt	19.5 cSt	Base Oil; ASTM D445
Evaporation Loss	0.30 %	0.30 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	255	255	ASTM D217
Penetration P(60), 1/10 mm	281	281	ASTM D217
Oil Separation	1.2 %	1.2 %	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	-70.0 °C	-94.0 °F	Recommended
Pour Point	-73.0 °C	-99.4 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	Sil.(Clrphn)	
Gellant Type	Li soap	

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