

Nye Lubricants 741E (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-741E-NG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	409	409	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	151 cSt	151 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	59 cSt	59 cSt	Base Oil; ASTM D445
Evaporation Loss	1.9 %	1.9 %	24 hrs, 150C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	446	446	ASTM D217
Penetration P(60), 1/10 mm	456	456	ASTM D217
Oil Separation	3.1 %	3.1 %	24 hrs, 150C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	Recommended
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	Recommended
Pour Point	-60.0 °C	-76.0 °F	Base Oil; ASTM D97

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

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