

Nye Lubricants 5100 (SVLG) Synthetic Oil

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap Gellant , Synthetic Ether Base

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-5100-SVLG-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	143	143	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	54 cSt	54 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	8.7 cSt	8.7 cSt	Base Oil; ASTM D445
Evaporation Loss	0.050 %	0.050 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	250	250	ASTM D217
Penetration P(60), 1/10 mm	280	280	ASTM D217
Oil Separation	4.3 %	4.3 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Recommended
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Recommended
Pour Point	-50.0 °C	-58.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	Ester(PE)	
Gellant Type	Li soap	

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