

Nye Lubricants 951 (RL) 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-951-RL-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	141	141	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	39 cSt	39 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	7.0 cSt	7.0 cSt	Base Oil; ASTM D445
Evaporation Loss	0.600 % @Temperature 121 °C, Time 86400 sec	0.600 % @Temperature 250 °F, Time 24.0 hour	ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	285	285	ASTM D217
Penetration P(60), 1/10 mm	291	291	ASTM D217
Oil Separation	3.90 % @Temperature 121 °C, Time 86400 sec	3.90 % @Temperature 250 °F, Time 24.0 hour	FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Recommended
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	Recommended
Pour Point	-59.0 °C	-74.2 °F	Base Oil; ASTM D97

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

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