

Nye Lubricants 799 (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-799-RL-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	121	121	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	18 cSt	18 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	4.0 cSt	4.0 cSt	Base Oil; ASTM D445
Evaporation Loss	1.6 %	1.6 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	317	317	ASTM D217
Penetration P(60), 1/10 mm	323	323	ASTM D217
Oil Separation	8.5 %	8.5 %	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	-54.0 °C	-65.2 °F	Recommended
Pour Point	-57.0 °C	-70.6 °F	Base Oil; ASTM D97

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

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