

Nye Lubricants 391 (RL) Synthetic Oil

Category : Fluid , Lubricant , Polyalphaolefin (PAO) , Urea Gellant

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-391-RL-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	145	145	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	31 cSt	31 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	5.9 cSt	5.9 cSt	Base Oil; ASTM D445
Evaporation Loss	0.090 %	0.090 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	268	268	ASTM D217
Penetration P(60), 1/10 mm	273	273	ASTM D217
Oil Separation	0.00 %	0.00 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	Recommended
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Recommended
Pour Point	-68.0 °C	-90.4 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PAO	
Gellant Type	Polyurea	

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