

Nye Lubricants 377AL (RL) Synthetic Oil

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap Gellant , Polyalphaolefin (PAO)

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-377AL-RL-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)	45 cSt	45 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	7.8 cSt	7.8 cSt	Base Oil; ASTM D445
Evaporation Loss	0.20 %	0.20 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	313	313	ASTM D217
Penetration P(60), 1/10 mm	321	321	ASTM D217
Oil Separation	4.8 %	4.8 %	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	-50.0 °C	-58.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PAO	
Gellant Type	Li soap	

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