

Nye Lubricants 737 (RL) Synthetic Oil

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

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-737-RL-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	103	103	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	17 cSt	17 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	3.7 cSt	3.7 cSt	Base Oil; ASTM D445
Evaporation Loss	1.1 %	1.1 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	248	248	ASTM D217
Penetration P(60), 1/10 mm	268	268	ASTM D217
Oil Separation	1.1 %	1.1 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	Recommended
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	Recommended
Pour Point	-65.0 °C	-85.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PAO	
Gellant Type	Clay	

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