

Nye Lubricants 748 (RL) Synthetic Oil

Category : Fluid , Lubricant , Clay Gellant

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-748-RL-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	96	96	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	526 cSt	526 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	30 cSt	30 cSt	Base Oil; ASTM D445
Evaporation Loss	4.6 %	4.6 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	258	258	ASTM D217
Penetration P(60), 1/10 mm	294	294	ASTM D217
Oil Separation	0.30 %	0.30 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	Recommended
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	Recommended
Pour Point	-35.0 °C	-31.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	Polybutene	
Gellant Type	Clay	

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