

Nye Lubricants 500 (RT) Synthetic Oil

Category : Fluid , Lubricant , 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-500-RT-Synthetic-Oil.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	155	155	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	51 cSt	51 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	8.9 cSt	8.9 cSt	Base Oil; ASTM D445
Evaporation Loss	1.5 %	1.5 %	22 hrs, 135C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	260	260	ASTM D217
Penetration P(60), 1/10 mm	300	300	ASTM D217
Oil Separation	11.4 %	11.4 %	22 hrs, 135C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	175 °C	347 °F	Recommended
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	Recommended
Pour Point	-55.0 °C	-67.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	Ester(Poly)	
Gellant Type	Na complex	

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