

## Nye Lubricants 789M (RL) Synthetic Oil

Category : Fluid , Lubricant , Clay 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-789M-RL-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-789M-RL-Synthetic-Oil.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	139	139	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	57 cSt	57 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	8.7 cSt	8.7 cSt	Base Oil; ASTM D445
Evaporation Loss	0.70 %	0.70 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	316	316	ASTM D217
Penetration P(60), 1/10 mm	310	310	ASTM D217
Oil Separation	2.3 %	2.3 %	24 hrs, 100C; FTM 719B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Recommended
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Recommended
Pour Point	-54.0 °C	-65.2 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	Ester(PE)	
Gellant Type	Clay	

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