

## Nye Lubricants 749B (NG) Synthetic Oil

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

**Material Notes:**

Information provided by Nye Lubricants.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nye-Lubricants-749B-NG-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-749B-NG-Synthetic-Oil.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	156	156	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	238 cSt	238 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	28 cSt	28 cSt	Base Oil; ASTM D445
Evaporation Loss	0.30 %	0.30 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	279	279	ASTM D217
Penetration P(60), 1/10 mm	307	307	ASTM D217
Oil Separation	7.2 %	7.2 %	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	-30.0 °C	-22.0 °F	Recommended
Pour Point	-35.0 °C	-31.0 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PAO	
Gellant Type	Silica(BL)	

## Contact Songhan Plastic Technology Co.,Ltd.

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