

## Nye Lubricants 731 (IG) Synthetic Oil

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap Gellant , Polyglycol

**Material Notes:**

Information provided by Nye Lubricants.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nye-Lubricants-731-IG-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-731-IG-Synthetic-Oil.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	219	219	Viscosity Index of Base Oil; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	375 cSt	375 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	54 cSt	54 cSt	Base Oil; ASTM D445
Evaporation Loss	2.0 %	2.0 %	24 hrs, 100C; ASTM D972

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	318	318	ASTM D217
Penetration P(60), 1/10 mm	324	324	ASTM D217
Oil Separation	5.8 %	5.8 %	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	-30.0 °C	-22.0 °F	Recommended
Pour Point	-20.0 °C	-4.00 °F	Base Oil; ASTM D97

Descriptive Properties	Value	Comments
Base Fluid Type	PolyGlycol	
Gellant Type	Li soap	

## Contact Songhan Plastic Technology Co.,Ltd.

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