

## Nye Lubricants 802-1 (FG) Synthetic Oil

Category : Fluid , Lubricant , PTFE Gellant , Silicone Base

### Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nye-Lubricants-802-1-FG-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-802-1-FG-Synthetic-Oil.php)

| Physical Properties                  | Metric | English | Comments                                |
|--------------------------------------|--------|---------|-----------------------------------------|
| Viscosity Measurement                | 344    | 344     | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F)  | 43 cSt | 43 cSt  | Base Oil; ASTM D445                     |
| Kinematic Viscosity at 100°C (212°F) | 14 cSt | 14 cSt  | Base Oil; ASTM D445                     |
| Evaporation Loss                     | 0.00 % | 0.00 %  | 24 hrs, 100C; ASTM D972                 |

| Mechanical Properties      | Metric | English | Comments                      |
|----------------------------|--------|---------|-------------------------------|
| Penetration P(0), 1/10 mm  | 393    | 393     | ASTM D217                     |
| Penetration P(60), 1/10 mm | 396    | 396     | ASTM D217                     |
| Oil Separation             | 8.9 %  | 8.9 %   | 24 hrs, 100C; FTM 719B, 321.2 |

| Thermal Properties               | Metric   | English  | Comments           |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 200 °C   | 392 °F   | Recommended        |
| Minimum Service Temperature, Air | -54.0 °C | -65.2 °F | Recommended        |
| Pour Point                       | -73.0 °C | -99.4 °F | Base Oil; ASTM D97 |

| Descriptive Properties | Value        | Comments |
|------------------------|--------------|----------|
| Base Fluid Type        | Sil.(Clrphn) |          |
| Gellant Type           | PTFE         |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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