

## Nye Lubricants 990A (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-990A-FG-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-990A-FG-Synthetic-Oil.php)

| Physical Properties                  | Metric  | English   | Comments                                |
|--------------------------------------|---|---|---|
| Viscosity Measurement                | 689   | 689   | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F)  | 31500 cSt   | 31500 cSt   | Base Oil; ASTM D445                     |
| Kinematic Viscosity at 100°C (212°F) | 12800 cSt   | 12800 cSt   | Base Oil; ASTM D445                     |
| Evaporation Loss                     | 0.300 %<br>@Temperature 121 °C,<br>Time 86400 sec | 0.300 %<br>@Temperature 250 °F,<br>Time 24.0 hour | ASTM D972                               |

| Mechanical Properties     | Metric  | English   | Comments        |
|---------------------------|---|---|-----------------|
| Penetration P(0), 1/10 mm | 332   | 332   | ASTM D217       |
| Oil Separation            | 0.100 %<br>@Temperature 121 °C,<br>Time 86400 sec | 0.100 %<br>@Temperature 250 °F,<br>Time 24.0 hour | FTM 719B, 321.2 |

| Thermal Properties               | Metric   | English  | Comments           |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 200 °C   | 392 °F   | Recommended        |
| Minimum Service Temperature, Air | -40.0 °C | -40.0 °F | Recommended        |
| Pour Point                       | -51.0 °C | -59.8 °F | Base Oil; ASTM D97 |

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

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