

## Nye Lubricants 380L (RL) Synthetic Oil

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap 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-380L-RL-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-380L-RL-Synthetic-Oil.php)

| Physical Properties                  | Metric  | English | Comments                                |
|--------------------------------------|---------|---------|---|
| Viscosity Measurement                | 120     | 120     | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F)  | 17 cSt  | 17 cSt  | Base Oil; ASTM D445                     |
| Kinematic Viscosity at 100°C (212°F) | 3.8 cSt | 3.8 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  | 265    | 265     | ASTM D217                     |
| Penetration P(60), 1/10 mm | 271    | 271     | ASTM D217                     |
| Oil Separation             | 4.0 %  | 4.0 %   | 24 hrs, 100C; FTM 719B, 321.2 |

| Thermal Properties               | Metric   | English  | Comments           |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 120 °C   | 248 °F   | Recommended        |
| Minimum Service Temperature, Air | -60.0 °C | -76.0 °F | Recommended        |
| Pour Point                       | -62.0 °C | -79.6 °F | Base Oil; ASTM D97 |

| Descriptive Properties | Value       | Comments |
|------------------------|-------------|----------|
| Base Fluid Type        | Ester(blnd) |          |
| Gellant Type           | Li soap     |          |

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