

Nye Lubricants 774VLF-WHITE (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-774VLF-WHITE-NG-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) | 597 cSt | 597 cSt | Base Oil; ASTM D445 |
| Kinematic Viscosity at 100°C (212°F) | 80 cSt | 80 cSt | Base Oil; ASTM D445 |
| Evaporation Loss | 0.20 % | 0.20 % | 24 hrs, 100C; ASTM D972 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|--------|---------|-------------------------------|
| Penetration P(0), 1/10 mm | 252 | 252 | ASTM D217 |
| Penetration P(60), 1/10 mm | 265 | 265 | ASTM D217 |
| Oil Separation | 2.0 % | 2.0 % | 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 | -50.0 °C | -58.0 °F | Recommended |
| Pour Point | -43.0 °C | -45.4 °F | Base Oil; ASTM D97 |

| Descriptive Properties | Value | Comments |
|------------------------|-------------|----------|
| Base Fluid Type | PAO | |
| Gellant Type | Silica (WL) | |

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