

Nye Lubricants 788A (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-788A-NG-Synthetic-Oil.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|--------|---------|---|
| Viscosity Measurement | 123 | 123 | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F) | 71 cSt | 71 cSt | Base Oil; ASTM D445 |
| Kinematic Viscosity at 100°C (212°F) | 10 cSt | 10 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 | 308 | 308 | ASTM D217 |
| Penetration P(60), 1/10 mm | 323 | 323 | ASTM D217 |
| Oil Separation | 4.8 % | 4.8 % | 24 hrs, 100C; FTM 719B, 321.2 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 125 °C | 257 °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 | PAO/Plybtne | |
| Gellant Type | Silica (WR) | |

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