

Nye Lubricants 790G (RL) Synthetic Oil

Category : Fluid , Lubricant , Clay Gellant , Polyalphaolefin (PAO)

Material Notes:

Information provided by Nye Lubricants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nye-Lubricants-790G-RL-Synthetic-Oil.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|---------|---------|---|
| Viscosity Measurement | 152 | 152 | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F) | 148 cSt | 148 cSt | Base Oil; ASTM D445 |
| Kinematic Viscosity at 100°C (212°F) | 20 cSt | 20 cSt | Base Oil; ASTM D445 |
| Evaporation Loss | 0.90 % | 0.90 % | 24 hrs, 100C; ASTM D972 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|--------|---------|-------------------------------|
| Penetration P(0), 1/10 mm | 273 | 273 | ASTM D217 |
| Penetration P(60), 1/10 mm | 328 | 328 | ASTM D217 |
| Oil Separation | 0.00 % | 0.00 % | 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 | -50.0 °C | -58.0 °F | Base Oil; ASTM D97 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Base Fluid Type | PAO | |
| Gellant Type | Clay | |

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