

Nye Lubricants 794RP (RL) Synthetic Oil

Category : Fluid , Lubricant , Clay 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-794RP-RL-Synthetic-Oil.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|----------|----------|---|
| Viscosity Measurement | 107 | 107 | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F) | 440 cSt | 440 cSt | Base Oil; ASTM D445 |
| Kinematic Viscosity at 100°C (212°F) | 32.4 cSt | 32.4 cSt | Base Oil; ASTM D445 |
| Evaporation Loss | 0.80 % | 0.80 % | 24 hrs, 100C; ASTM D972 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|--------|---------|-------------------------------|
| Penetration P(0), 1/10 mm | 274 | 274 | ASTM D217 |
| Penetration P(60), 1/10 mm | 286 | 286 | ASTM D217 |
| Oil Separation | 1.2 % | 1.2 % | 24 hrs, 100C; FTM 719B, 321.2 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 150 °C | 302 °F | Recommended |
| Minimum Service Temperature, Air | -20.0 °C | -4.00 °F | Recommended |
| Pour Point | -25.0 °C | -13.0 °F | Base Oil; ASTM D97 |

| Descriptive Properties | Value | Comments |
|------------------------|-------------|----------|
| Base Fluid Type | Ester(Blnd) | |
| Gellant Type | Clay | |

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