

SpectraSyn Plus™ 5

Advanced Polyalphaolefin (PAO) Fluid

Product Description

SpectraSyn Plus™ Advanced Polyalphaolefin (PAO) provide an optimal combination of volatility and low-temperature fluidity. SpectraSyn Plus™ Advanced PAO products viscosity indices translate into improved flow at low temperatures and increased film thickness at high temperatures. SpectraSyn Plus™ Advanced PAO provide superior lubrication as the primary basestocks for synthetic lubricants used in passenger car engines, heavy-duty diesel engines, transmissions, and a variety of industrial applications. SpectraSyn Plus™ Advanced PAO can be used for upgrading mineral oil or Group III basestocks for improved low temperature and volatility performance.

| Properties | Minimum | Maximum | Unit | Test Method |
|--|----------------|---------|------------|----------------------|
| Specific Gravity ¹ (15.6°C) | Report | -- | | ASTM D4052 |
| Appearance ¹ (-18°C) | Bright & Clear | -- | | Visual |
| Color ¹ | -- | 0.5 | | ASTM D1500 |
| Kinematic Viscosity ¹ | | | | ASTM D445 |
| 100°C | 4.9 | 5.5 | cSt | |
| 40°C | 23.5 | 28.4 | cSt | |
| -40°C | -- | 5300 | cSt | |
| Pour Point ¹ | -- | -42 | °C | ASTM D5950/D97 |
| Flash Point, COC ¹ | 215 | -- | °C | ASTM D92 |
| Noack Volatility ¹ | -- | 6.8 | wt% | ASTM D5800/DIN 51581 |
| Bromine Number | -- | 1.0 | g Br/100 g | AS-M 1377 |
| Water ¹ | -- | 50 | ppm | ASTM D6304 |
| Total Acid Number ¹ | -- | 0.05 | mg KOH/g | ASTM D974 (mod) |

Notes

¹ Test reported on Certificate of Analysis

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