

SpectraSyn™ 2B

Polyalphaolefin (PAO) Fluid

Product Description

SpectraSyn™ Low Viscosity Polyalphaolefin (PAO) basestocks feature low temperature properties, low volatility, and improved thermal stability. SpectraSyn™ Low Viscosity PAO products have high viscosity indices which translate to improved flow at low temperatures and increased film thickness at high temperatures. SpectraSyn™ Low Viscosity PAO products are the primary basestocks for synthetic lubricants used in passenger car engines, heavy-duty diesel engines, transmissions, gear boxes and a variety of industrial applications.

General

| | | | |
|---------------------------|--|---|---|
| Availability ¹ | <ul style="list-style-type: none"> ▪ Africa & Middle East ▪ Asia Pacific | <ul style="list-style-type: none"> ▪ Europe ▪ Latin America | <ul style="list-style-type: none"> ▪ North America |
| Revision Date | <ul style="list-style-type: none"> ▪ 07/01/2019 | | |

| Basics | Typical Value (English) | Typical Value (SI) | Test Based On |
|------------------------------------|-------------------------|------------------------|-----------------|
| Specific Gravity (60.1°F (15.6°C)) | 0.799 | 0.799 | ASTM D4052 |
| Appearance (0°F (-18°C)) | Bright & Clear | Bright & Clear | Visual |
| Color | < 0.5 | < 0.5 | ASTM D1500 |
| Kinematic Viscosity | | | ASTM D445 |
| 212°F (100°C) | 1.8 cSt | 1.8 mm ² /s | |
| 104°F (40°C) | 5.0 cSt | 5.0 mm ² /s | |
| Pour Point | -65 °F | -54 °C | ASTM D5950/D97 |
| Flash Point, COC | 300 °F | 149 °C | ASTM D92 |
| Water | < 50 ppm | < 50 ppm | ASTM D6304 |
| Total Acid Number | < 0.05 mg KOH/g | < 0.05 mg KOH/g | ASTM D974 (mod) |

| Thermal | Typical Value (English) | Typical Value (SI) | Test Based On |
|---|-------------------------|--------------------|---------------|
| Vapor Pressure ² (302°F (150°C)) | 14.4 mm Hg | 14.4 mm Hg | ASTM D2879 |

| Solubility | Typical Value (English) | Typical Value (SI) | Test Based On |
|----------------------------|-------------------------|--------------------|---------------|
| Aniline Point ² | 218.7 °F | 103.7 °C | ASTM D611 |

Additional Information

Technical White Mineral Oil, 21 CFR 178.3620(b)
National Sanitation Foundation (NSF) White book, category code H1, Lubricants with incidental food contact

Legal Statement

For detailed Product Stewardship information, please contact Customer Service.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² Single sample or two sample average determinations

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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