

HyGold P40

Paraffinic Base Oil Marketing Specification

| TEST DESCRIPTION | TEST METHOD | SPECIFICATIONS | | TYPICAL VALUES |
|--------------------------------------|-------------|----------------|------|----------------|
| | | MIN | MAX | |
| Physical Properties | | | | |
| Viscosity, SUS at 100°F (37.8°C) | ASTM D2161 | 34.0 | 44.0 | 37.7 |
| Viscosity, SUS at 210°F (98.9°C) | ASTM D2161 | | | 30.5 |
| Viscosity, cSt at 40°C (104°F) | ASTM D445 | 2.4 | 5.2 | 3.4 |
| Viscosity, cSt at 100°C (212°F) | ASTM D445 | | | 1.3 |
| API Gravity, 60°F (15.6°C) | ASTM D1250 | | | 42.0 |
| Specific Gravity, 60°F (15.6°C) | ASTM D4052 | | | 0.8153 |
| Density, lbs/gal at 60°F | ASTM D1250 | | | 6.798 |
| Density at 15.6°C, g/cm ³ | ASTM D1250 | | | 0.8145 |
| Flash Point, COC, °F (°C) | ASTM D92 | 200 (93) | | 269 (132) |
| Flash Point, PMCC, °F (°C) | ASTM D93 | | | 246 (119) |
| Color, Saybolt | ASTM D6045 | | | 30 |
| Pour Point, °F (°C) | ASTM D5950 | | | 11 (-12) |
| Water Content | ASTM D7546M | | PASS | PASS |
| Appearance | ASTM D4176M | | PASS | PASS |
| Chemical Properties | | | | |
| Acid Number, mg KOH/g | ASTM D664 | | 0.05 | 0.0 |
| Aniline Point, °F (°C) | ASTM D611 | | | 185 (85) |
| Sulfur, ppm | ASTM D5453 | | | 9 |

HyGold P40 is a product of Ergon - West Virginia, Inc.
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