

No VII Engine Oil



PRODUCT DESCRIPTION

High Performance Lubricants' No VII engine oil is a multi-synthetic high performance motor oil made with the best choices of additive chemistry. This series takes advantage of high quality base oils delivering superb pour points and specifically designed without utilizing VI improver for superior shear stability. These oils are formulated with specifically chosen esters that can help minimize intake valve deposits, maintain clean engines, and provide elastomer compatibility. HPL No VII engine oil is formulated with extra anti-wear and antioxidant additives to minimize wear while offering an extended oil life compared to other motor oils. These premium oils are not something you will find on the shelf of a discount retailer. If you are a person looking for a product that will outperform traditional mineral and synthetic oils our products will be a perfect fit for you.

FEATURES

- Excellent wear protection and superior high temperature stability
- Helps minimize intake valve deposits
- Virtually no shear
- Excellent low temperature performance
- Compatible with conventional and synthetic oils

TYPICAL PROPERTIES

| | Method | Euro 5W-20 | Euro 5W-30 | Euro 10W-20 | Euro 10W-30 | PCMO 5W-20 | PCMO 5W-30 | PCMO 10W-20 | PCMO 10W-30 |
|----------------------------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Viscosity | | | | | | | | | |
| cSt@40°C | ASTM D445 | 53.43 | 62.42 | 56.95 | 72.35 | 51.02 | 58.70 | 55.36 | 67.20 |
| cSt@100°C | ASTM D445 | 8.70 | 11.19 | 9.09 | 11.79 | 8.62 | 10.54 | 8.72 | 10.86 |
| Viscosity Index | ASTM D2270 | 140 | 174 | 139 | 159 | 146 | 171 | 134 | 152 |
| Cold Crank Simulator, cP | ASTM D5293 | 6218@-30C | 6156@-30C | 5830@-25C | 5412@-25C | 6419@-30C | 5869@-30C | 5588@-25C | 5619@-25C |
| Base Number, mg KOH/g | ASTM D2896 | >11 | >11 | >11 | >11 | >13.5 | >13.5 | >13.5 | >13.5 |
| Flash Point (°C/°F) | ASTM D92 | 226/439 | 216/421 | 218/424 | 222/432 | 228/442 | 228/442 | 230/446 | 230/446 |
| Specific Gravity | ASTM D1298 | 0.8637 | 0.8620 | 0.8759 | 0.8655 | 0.8616 | 0.8605 | 0.8749 | 0.8677 |
| Rust Prevention | ASTM D665 | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass |
| Copper Corrosion 3hr/24hr | ASTM D130 | 1a / 1a | 1a / 1a | 1a / 1a | 1a / 1a | 1a / 1a | 1a / 1a | 1a / 1a | 1a / 1a |
| Pour Point (°C/°F) | ASTM D97 | -54/-65 | -60/-76 | -33/-27 | -57/-71 | -39/-38 | -60/-76 | -42/-44 | -48/-54 |
| HTHS Visc, cP | ASTM D5481 | 3.267 | 3.566 | 2.795 | 3.652 | 2.771 | 3.399 | 2.759 | 3.378 |
| MRV Viscosity, cP | ASTM D4684 | 12,203@-35C | - | 18,972@-30C | - | 13,814@-35C | 12,065@-35C | 11,302@-30C | 11,142@-30C |

NOTE: Properties above are not a specification, they are typical and may vary.