



NORTH AMERICAN LUBRICANTS, CO.

Puramax HP Motor Oil

Puramax HP Motor Oil is a high-performance synthetic-blend engine oil specially formulated to provide added protection, peak performance and extended engine life in large, hard-driven or high-horsepower motors. Puramax HP Motor Oils are particularly recommended for use in hard-working, turbo-charged or naturally aspirated gasoline engines in sport utility vehicles, light-trucks, mini-vans and high-performance passenger cars.

Puramax HP Motor Oil is formulated with a robust additive system and premium synthetic-blend base oil to offer ultimate engine protection and peak performance. Puramax HP Motor Oil provides:

- Reduced engine wear caused by heavy loads
- Ongoing cleaning agents to maximize engine performance
- Resistance to viscosity and high-temperature thermal breakdown
- Optimum fuel economy
- Excellent low-temperature pumpability for cold starts

Additionally, Puramax HP Motor Oils contain engine cleaning agents that minimize power stealing deposits caused by stop-and-go driving. Added anti-wear protection protects critical engine components while operating under heavy stress.

Puramax HP Motor Oil, available in SAE grades 5W-20, 5W-30 and 10W-30, meets and exceeds new car warranty requirements as defined by ILSAC standards GF-4, API classification SM, General Motors GM6094M (5W-30 & 10W-30) and Ford WSS-M2C930-A (5W-20) & WSS-M2C929-A (5W-30).

| <i>Puramax HP Motor Oil</i> | | | |
|------------------------------------|--------------|--------------|---------------|
| TYPICAL INSPECTION TESTS | | | |
| SAE Grade | 5w-20 | 5W-30 | 10W-30 |
| API Service | SM | SM | SM |
| ILSAC | GF-4 | GF-4 | GF-4 |
| Density, g/cm ³ @15°C | 0.8639 | 0.8697 | 0.8740 |
| Flash Point, °C (°F) | 232(450) | 232(450) | 232(450) |
| Viscosity, cP @ 150C° | 2.98 | 3.00 | 3.03 |
| Viscosity, cSt @ 40°C | 48.5 | 60.9 | 67.6 |
| Viscosity, cSt @ 100°C | 8.3 | 10.1 | 10.1 |
| Viscosity Index | 162 | 164 | 149 |
| Total Base Number, D2896 | 7.9 | 7.9 | 7.9 |
| Ash, Sulfated, wt.% | 0.93 | 0.93 | 0.93 |
| Zinc, wt.% | 0.098 | 0.096 | 0.105 |