



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

HIGH MILEAGE SEMI-SYNTHETIC MOTOR OILS



Lucas Oil Semi-Synthetic High Mileage Motor oils are formulated to meet and exceed the latest generation of motor oil specifications from the American Petroleum Institute and OEMs. Our exclusive formulation delivers premium performance to keep your vehicle on the road and out of the maintenance shop. Lucas Oil Semi-Synthetic High Mileage Motor Oils include specially selected seal conditioning additives to restore engine seals and gaskets, reducing oil leaks that can develop as your vehicle ages, and helping to eliminate nuisance stains in your driveway. Our potent anti-wear and polymer enhanced formulation helps protect older engines from accelerated wear, supports reduced engine blow-by, and improves ring seal for oil life and fuel economy. Lucas Oil Semi-Synthetic High Mileage Motor Oils provide maximum protection and performance.

Lucas Oil Semi-Synthetic High Mileage Motor Oils are formulated with the latest additive technology to deliver improved wear performance, engine cleanliness, and protection from abnormal combustion (LSPI) which can ruin an engine. Our proprietary, shear stable polymer technology helps prevent premature break-down to ensure viscosity is maintained and a strong lubricating film is always present in the engine.

Lucas Oil Semi-Synthetic High Mileage Motor Oils exceed industry minimum performance requirements in all dimensions including piston cleanliness, oxidation control, engine sludge prevention, timing chain wear protection, and fuel economy performance. Protect your investment and rely on Lucas Oil for your car's engine oil. IT WORKS!

PART NUMBER AND SIZE:

SAE 5W-20 - 11261 (1 Quart), 11263 (5 Gallon), 11264 (55 Gallon), 11265 (330 Gallon)

SAE 5W-30 - 11266 (1 Quart), 11268 (5 Gallon), 11269 (55 Gallon), 11270 (330 Gallon)

SAE 10W-30 - 11271 (1 Quart), 11273 (5 Gallon), 11274 (55 Gallon), 11275 (330 Gallon)

SAE 10W-40 - 11276 (1 Quart), 11278 (5 Gallon), 11279 (55 Gallon), 11280 (330 Gallon)

SAE 20W-50 11281 (1 Quart), 11283 (5 Gallon), 11284 (55 Gallon), 11285 (330 Gallon)

FEATURES AND BENEFITS:

- Helps restore engine seals and gaskets to reduce or stop oil leaks.
- Improved fuel economy and fuel economy retention over the oil drain interval.
- Turbocharger protection in turbocharged gasoline direct injection (TGDI) engines, as well as proven performance in Hybrid vehicles.
- Improved wear protection with low phosphorus and zinc for emissions system protection.
- Highly potent detergent to combat help clean sludge, varnish, and engine deposits.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets / Exceeds:

API SP, SN Plus, SN, SM, SL, and ILSAC GF-6

MAIN APPLICATIONS:

Lucas Oil offers a premium line of semi-synthetic high mileage motor oils in the most common viscosity grades.

Lucas Oil recommends our high mileage motor oils for all cars and trucks with gasoline engines and over 75,000 miles. Follow your owner's manual recommendation for the correct viscosity grade for your engine.



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TYPICAL PHYSICAL CHARACTERISTICS:

| PROPERTIES | ASTM | 5W-20 | 5W-30 | 10W-30 | 10W-40 | 20W-50 |
|----------------------------|-------|-------|-------|--------|--------|--------|
| API Gravity | D4052 | 33.4 | 33.2 | 31.5 | 31.7 | 29.8 |
| Specific Gravity @ 60°F | D4052 | 0.858 | 0.859 | 0.868 | 0.867 | 0.877 |
| Density @ 60°F, Lbs/US Gal | D4052 | 7.15 | 7.16 | 7.24 | 7.21 | 7.30 |
| Viscosity @ 40°C cSt | D445 | 41.5 | 63.0 | 73.7 | 103.3 | 171 |
| Viscosity @ 100°C cSt | D445 | 8.20 | 10.4 | 10.6 | 15.3 | 18.4 |
| Viscosity Index | D2270 | 177 | 154 | 131 | 156 | 121 |
| Color | D1500 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Flash Point (PMCC), °F | D93 | >400 | >400 | >400 | >400 | >400 |

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)