



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

FULL SYNTHETIC MOTOR OILS



Lucas Oil Synthetic Motor oils are licensed against 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 Synthetic Motor Oils provide maximum protection and performance from oil change to oil change.

Lucas Oil Synthetic Motor oils are fully synthetic and 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 Synthetic 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 0W-16 – 11181 (1 Quart), 11183 (5 Gallon Pail), 18056 (6 Gallon BIB), 11184 (55 Gallon), 11185 (330 Gallon)

SAE 0W-20 - 10564 (1 Quart), 10567 (55 Gallon), 10568 (330 Gallon), 11088 (330 Gallon), 18003 (6 Gallon BIB)

SAE 0W-30 - 10179 (1 Quart), 10183 (55 Gallon), 18008 (6 Gallon BIB)

SAE 5W-20 - 10082 (1 Quart), 18004 (6 Gallon BIB), 10084 (55 Gallon), 10233 (330 Gallon), BIB)

SAE 5W-30 - 10049 (1 Quart), 10209 (55 Gallon), 10234 (330 Gallon), 11090 (330 Gallon), 18005 (6 Gallon BIB)

SAE 5W-40 - 10189 (1 Quart), 18012 (6 Gallon BIB)

SAE 5W-50 - 10101 (1 Quart), 11146 (330 Gallon Tote), 18015 (6 Gallon BIB)

SAE 10W-30 - 10050 (1 Quart), 18013 (6 Gallon BIB), 10119 (55 Gallon), 10277 (330 Gallon)

SAE 20W-50 - 10054 (1 Quart), 10108 (55 Gallon), 11118 (330 Gallon)

FEATURES AND BENEFITS:

- Outstanding low speed pre-ignition (LSPI) protection.
- 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.
- Reduced sludge formation and varnish deposits for start-stop engines

MAIN APPLICATIONS:

Lucas Oil offers a premium line of synthetic motor oils in the most common viscosity grades. Follow your owner's manual recommendation for the correct viscosity grade for your engine. Lucas Oil recommends our synthetic motor oils for all cars and trucks with gasoline engines.

Lucas Oil Synthetic Motor Oils will blend with all other conventional or synthetic motor oils.



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SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets / Exceeds:

API SP, SN Plus, SN, SM, SL, ILSAC GF-6
0W-20, 0W-30, 5W-20, 5W-30, 5W-40, 10W-30, 20W-50

ILSAC GF-6 B, API SP-Resource Conserving
0W-16

GM Dexos 1 ® Gen 3
0W-20 – License # D335AADG273
5W-30 - License # D335BADG273

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	0W-16	0W-20	0W-30	5W-20	5W-30	5W-40	10W-30	20W-50
API Gravity	D4052	35.7	35.4	35.79	35.3	34.9	35.3	34.9	33.23
Specific Gravity @ 60°F	D4052	0.846	0.847	0.845	0.848	0.850	0.848	0.850	0.858
Density @ 60°F, Lbs/US Gal	D4052	7.05	7.06	7.04	7.06	7.08	7.06	7.08	7.148
Viscosity @ 40°C cSt	D445	38.9	46.3	62.8	47.9	65.3	89.9	65.4	145.4
Viscosity @ 100°C cSt	D445	7.58	8.19	10.7	8.68	11.2	14.3	10.6	18.35
Viscosity Index	D2270	167	152	162	161	166	165	153	142
Color	D1500	2.5	3.0	2.5	2.5	3.0	2.5	2.5	2.5
Flash Point (PMCC), °F	D93	>400	>400	>400	>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