



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## CONVENTIONAL MOTOR OILS



Lucas Oil Conventional Motor oils 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 Conventional Motor Oils provide maximum protection and performance from oil change to oil change.

Lucas Oil Conventional 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 Conventional 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** - 20516 (946 mL), 28001 (6 Gallon BIB)

**SAE 5W-30** - 20474 (946 mL), 28010 (6 Gallon BIB)

**SAE 10W-30** - 20276 (946 mL), 28002 (6 Gallon BIB)

**SAE 10W-40** - 20275 (946 mL)

**SAE 20W-50** - 20252 (946 mL)

### 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.

### SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Meets / Exceeds:  
API SP, SN Plus, SN, SM, SL, ILSAC GF-6

### MAIN APPLICATIONS:

Lucas Oil offers a premium line of conventional 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 conventional motor oils for all cars and trucks with gasoline engines.



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## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	5W-20	5W-30	10W-30	10W-40	20W-50
API Gravity	D4052	32.2	32.42	31.6	31.8	29.59
Specific Gravity @ 60°F	D4052	0.864	0.863	0.867	0.866	0.878
Density @ 60°F, Lbs/US Gal	D4052	7.19	7.18	7.22	7.21	7.31
Viscosity @ 40°C cSt	D445	51.4	64.3	69.6	103.3	174.05
Viscosity @ 100°C cSt	D445	8.01	10.2	10.2	14.8	18.39
Viscosity Index	D2270	125	145	131	148	118
Color	D1500	2.0	2.0	2.0	2.0	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)