



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

FULL SYNTHETIC MOTOR OILS API SP



In upgrading our line of Synthetic API licensed motor oils to the API SP and ILSAC GF-6 standards, Lucas Oil Products looked to establish a premium line of engine oils that provide maximum protection and performance from oil change to oil change, so that our customers can be assured that their automotive investment is protected throughout the oil change interval.

Lucas Oil Products Synthetic API SP passenger car motor oils (PCMO) are blended from the highest quality API Group III and Group IV base oils and combined with a cutting-edge additive package of detergents, dispersants, antioxidants, and corrosion inhibitors. Shear stable viscosity modifiers insure multi-grade performance throughout the life of the oil. With the advent of API SP/ILSAC GF-6 comes new engine oil qualifying tests and the retirement of some older tests. Specifically, enhanced performance can be seen in the following improvements: maintaining piston cleanliness, oxidation control, engine oil sludge prevention, timing chain wear protection and fuel economy benefits. Protect your investment and rely on Lucas Oil for your car's engine oil.

PART NUMBER AND SIZE:

SAE 0W-30 - 10179 (1 Quart), 10181 (5 Gallon), 10183 (55 Gallon), 18008 (6 Gallon BIB), 20179 (CAN 1 Qt)

SAE 5W-20 - 10082 (1 Quart), 10084 (55 Gallon), 10137 (5 Gallon), 11089 (330 Gallon), 20082 (CAN 1 Qt), 20127 (CAN 5L)

SAE 5W-40 - 10189 (1 Quart), 10191 (5 Gallon), 10193 (55 Gallon), 20953 (CAN 5L)

SAE 10W-30 - 10050 (1 Quart), 10117 (5 Gallon), 10119 (55 Gallon), 10277 (330 Gallon), 18013 (6 Gallon BIB), 20050 (CAN 1 Qt)

FEATURES AND BENEFITS:

- Enhanced low speed pre-ignition (LSPI) protection
- Improved fuel economy
- Turbocharger protection in turbocharged gasoline direct injection (TGDI) engines, as well as proven performance in Hybrid applications
- Improved wear 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
(excluding SAE 0W-30 and 5W-40)

MAIN APPLICATIONS:

For all Cars and Trucks with Gasoline Engines.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	0W-30	5W-20	5W-40	10W-30	
API Gravity	D-1298	35.79	35.3	35.3	34.9	
Specific Gravity @ 60°F	D-1298	0.845	0.848	0.848	0.850	
Density @ 60°F, Lbs/US Gal	D-1298	7.04	7.06	7.06	7.08	
Viscosity @ 40°C cSt	D-445	62.8	47.9	89.9	65.4	
Viscosity @ 100°C cSt	D-445	10.7	8.68	14.3	10.6	
Viscosity Index	D-2270	162	161	165	153	
Color	D-1500	2.5	2.5	2.5	2.5	
Flash Point (PMCC), °F	D-93	>400	>400	>400	>400	

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

HEALTH, SAFETY AND ENVIRONMENT:

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application.

Health and Safety information is available on the appropriate Safety Data Sheet, which can be obtained from LucasOil.com

LINKS AND ADDITIONAL INFORMATION:

SDS: n/a

Product Image: n/a

Product Flyer: n/a

MPD: [Click Here](#)