



LOCOMOTIVE POWER 0W-30 API SP/ILSAC GF-6A

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

LOCOMOTIVE POWER 0W-30 SP/ILSAC GF-6A is a premium fully synthetic, ultra-low viscosity passenger car motor oil formulated with advanced synthetic base oils and state-of-the-art additive technology to provide outstanding engine protection, fuel economy, and long-term durability in modern gasoline engines. Developed to meet the latest API SP, ILSAC GF-6A, and GM Dexos1™ Gen 3 performance requirements, it offers excellent protection against Low-Speed Pre-Ignition (LSPI), timing chain wear, engine deposits, sludge formation, and oxidation under severe operating conditions.

APPLICATION:

It is recommended for modern gasoline passenger cars, SUVs, hybrid vehicles, and light-duty commercial vehicles requiring API SP, ILSAC GF-6A, or GM Dexos1™ Gen 3 performance levels. It is suitable for naturally aspirated, turbocharged, and gasoline direct injection (GDI) engines, providing excellent protection under both normal and severe driving conditions while supporting advanced emission control systems.

FEATURES & BENEFITS:

- Provides superior wear protection under all driving conditions.
- Protects critical engine components against scuffing and wear.
- Minimizes the risk of Low-Speed Pre-Ignition (LSPI) in turbocharged direct-injection gasoline engines.
- Low-viscosity synthetic formulation helps reduce friction and improve fuel efficiency.
- Resists oil thickening and deposit formation at elevated temperatures.
- Reduces timing chain wear and helps maintain engine performance throughout service life.
- Compatible with catalytic converters and modern emission control technologies.
- Rapid oil circulation at low temperatures ensures immediate engine protection during startup.

PERFORMANCE LEVELS: Meets and Exceeds:

- API SP
- ILSAC GF-6A
- DEXOS1 GEN3
- FORD WSS-M2C953-A
- FORD WSS-M2C963-A1
- FORD WSS-M2C973-A1

RECOMMENDATIONS: CADILLAC, CHEVROLET, FORD, GENESIS, GENERAL MOTORS, HONDA, KYUNDAL...

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			0W-30
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	57.55
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	10.5
Viscosity Index	ASTM D2270	-	175
SP. Gravity @15°C/ 60°F	ASTM D4052	g/cm ³	0.844
Flash Point	ASTM D92	°C	220
Pour Point	ASTM D97	°C	-42
TBN	ASTM D2896	mg KOH/g	7.8
CCS, (°C)	ASTM D5293	m.Pa.S	<6200(-35°C)

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further Information on safety guidelines please refer to MSDS available on our website locomotivelubricants.com

