



Petrol Engine Oil

Technical Data Sheet



LOCOMOTIVE POWER API SN PLUS,SN

FULLSYNTHETIC

PRODUCT DESCRIPTION:

LOCOMOTIVE POWER 5W-20 is Full Synthetic Engine Oil specifically designed to offer superior protection and performance for modern high-efficiency gasoline engines. This advanced formulation ensures excellent fuel economy, reduced emissions, and optimal engine protection. Ideal for vehicles requiring low viscosity oils, this oil enhances engine performance while minimizing wear and extending engine life.

APPLICATION:

LOCOMOTIVE POWER 5W-20 is designed for modern, high-efficiency gasoline engines, particularly those requiring low-viscosity oils for improved fuel economy. It is ideal for vehicles with advanced fuel injection systems, turbocharged engines, and multi-valve configurations. This oil provides exceptional wear protection, reducing engine deposits, and supporting the longevity of emission control systems like the catalytic converter and DPf (Diesel Particulate Filter)

FEATURES & BENEFITS:

- Improved fuel economy
- Superior oil film strength under all engine operating conditions.
- Enhanced engine cleanliness and sludge prevention.
- Enhanced cold start-up performance.
- Enhanced wear protection.
- Superior protection for exhaust catalyst and diesel particulate filter.

PERFORMANCE LEVELS: Meets and Exceeds:

- API SNPLUS/SN
- ACEA C5
- ILSAC GF-5
- Chrysler 6395
- GM 6094M/4718M
- Ford WSS M2C945-A/M2C930-A VOLVO VCC RBSO-2AE
- JAGUAR LAND ROVER STJLR.03.5004

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			5W-20
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	47.40
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	8.55
Viscosity Index	ASTM D2270	-	160
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.845
Flash Point	ASTM D92	°C	226
Pour Point	ASTM D97	°C	-39
TBN	ASTM D2896	mg KOH/g	7.1
CCS, (°C)	ASTM D5293	m.Pa.S	<6600(-30°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