



## LOCOMOTIVE POWER API SM

### SEMI SYNTHETIC

#### PRODUCT DESCRIPTION:

LOCOMOTIVE POWER 10W30 is an advanced semi synthetic engine oil designed to help deliver outstanding engine protection and enhanced fuel economy. This oil is designed to provide improved oxidation resistance, improved deposit protection, better wear protection, and excellent low temperature performance over the life of the oil.

#### APPLICATION:

Recommended for naturally aspirated and turbo-charged gasoline engines in passenger cars and light commercial vehicles, light truck gasoline engines,

#### FEATURES & BENEFITS:

- Enables fast and easy start in extreme temperature conditions.
- Particularly recommended for urban driving.
- Oil film able to withstand high operating temperatures.
- Protects engines against deposits.
- Standard drain interval.

#### PERFORMANCE LEVELS: Meets and Exceeds:

- API SM
- VW 501.01 / 505
- MB 229.3
- RENAULT RN 0700 / 0710

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	API SM (SEMI SYNTHETIC)
Grade			10W-30
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	10.4
Viscosity Index (min)	ASTM D-2270	-	145
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	TBR
Flash Point (min)	ASTM D-92	°C	220
Pour Point (max)	ASTM D-97	°C	-36
TBN	ASTM D-2896	mg KOH/g	9
CCS, (°C)	ASTM D-5293	m.Pa.S	<7200 (-25 °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 Locomotive.com