



## ELITE CAR 10W-40 SP - SYNTHETIC BLEND

### Description:

Premium quality semi-synthetic automotive engine lubricant, designed to provide excellent engine protection in both turbocharged direct injection gasoline, conventional gasoline and flexifuel passenger cars and light trucks, under all operating conditions.

Formulated to provide excellent wear protection, minimize sludge and varnish formation, and resist thermal and viscosity breakdown, even in severe service. It also protects against rust and bearing corrosion, and is resistant to foaming. It is uniquely formulated to help combat low speed pre-ignition (LSPI) in turbocharged, direct injection gasoline engines. It is suitable for after-service where API SN or earlier "S" category engine oils are recommended.

### Applications:

- Direct-injection turbocharged gasoline, conventional gasoline and flexifuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions.
- Four-stroke cycle gasoline engines in other mobile or fixed equipment

### Product Benefits:

- Helps protect against low speed pre-ignition (LSPI) in turbocharged gasoline direct injection (TGDI) engines.
- Exceeds ILSAC GF-6A requirements for new cars under warranty.
- Friction modification to improve fuel economy.
- Excellent resistance to viscosity and thermal decomposition at high temperatures.
- Protects against the formation of sludge and varnish.
- Protects against bearing wear and corrosion.
- Low volatility to reduce oil consumption.
- Highly resistant to foam formation.
- Formulated to protect turbochargers and catalytic converters in emission control systems.
- Formulated for use in vehicles running on fuels containing ethanol up to E85.

### Technical properties:

TYPE OF ANALYSIS	METHOD	RESULT
Viscosity Grade	SAE J300	10W-40
Density 15°C, g/ml,	ASTM D-4052	0.847
Color	ASTM 6045	3.0
Cold cranking viscosity (CCS), mPa.s	ASTM D-5293	5800@-25yC
Kinematic Viscosity at 40°C, mm²/s	ASTM D-445	91.75





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Kinematic Viscosity at 100°C, mm²/s	ASTM D-445	14.5
Viscosity index	ASTM D-2270	165
Flash point (COC), °C	ASTM D-92	226°C
Pour point, °C	ASTM D-97	-42°C
Total base number, mg KOH/g	ASTM D-2896	7.0
Sulfated ash, % by weight	ASTM D - 874	0.8
High temperature/high shear viscosity at 150°C	ASTM D-4683	4.1
Phosphorus, % by weight	ASTM D-5185	0.077
Zinc, % by weight	ASTM D-5185	0.085

\* Note: These features are representative of current production. Although future production will conform to current specifications, variations in these features may occur.

### Specifications / Recommendations:

International Standards:	Meets or exceeds:
API Service SP, SN PLUS ILSAC GF-6A	Chrysler MS-6395 GM6094M (obsolete specification)

### Health and Safety:

Based on available information, this product is not expected to cause adverse health effects when used for its intended application and the recommendations provided in the Material Safety Data Sheet (MSDS/SDS) are followed. MSDS are available upon request through your sales contact office.

This product should not be used for purposes other than its intended use. If you are disposing of the used product, please take care to protect the environment.

