



PRODUCT DESCRIPTION

PSO Carient S-Pro is a next-generation fully-synthetic highly advanced multi-grade engine oil based on the latest technology to give optimum engine performance by meeting and exceeding the requirements of API SP, and matching Resource Conserving ILSAC GF-6A. This oil is specially developed to give maximum performance from every moving part of the engine and ensures to deliver exceptional power and fuel economy.

APPLICATIONS

- Perfect for all modern American, Japanese, European, Korean and Chinese gasoline cars, SUVs, vans and pickups.
- Backward compatible to both API SN PLUS and API SN oils.
- Specially designed for most modern gasoline engines equipped with catalytic converter and blow-by-gas recirculation.
- Most suitable for Turbocharged Gasoline Direct Injection (TGDI) engine, the oil is designed to prevent damage from Low-Speed-Pre-Ignition (LSPI).
- Equally meets the requirement for hybrid engines.
- Best for vehicles operating in extreme hot and cold weather conditions.

PERFORMANCE STANDARDS

Highly advanced additive technology used in the formulation of PSO Carient S-Pro fully synthetic engine oil endorses the following performance standards:

API SP, ILSAC GF-6A, GM Dexos1

BENEFITS

- Optimum Performance product blended with fully synthetic base stocks combined with the high-tech additive technology that meets/exceeds performance levels of API SP & ILSAC GF-6A.
- **20% improved protection** ⁽¹⁾ against Low-Speed Pre-Ignition (LSPI).
- Enhanced protection of **timing chain by 20%** ⁽²⁾ and **valve train by 30%** ⁽³⁾ against wear thus extending chain and valve train life to ensure optimum engine output throughout its life.
- Outstanding protection against piston deposits ensuring engine cleanliness at higher operating temperature to enhance engine service life.
- Extra stringent sludge and varnish control.
- **20% improved fuel economy** ⁽⁴⁾ as compared to higher viscosity oils and ILSAC GF-6A standard.
- Enhanced After Treatment Device (ATD) protection.

(1) Compared to SP limits as measured in the Ford sequence IX
 (2) Compared to SP limits as measured in the Ford sequence X
 (3) Compared to SP limits as measured in the Ford sequence IVB
 (4) Compared to SP limits as measured in the GM sequence VIE

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS	
		0W-20	5W-30
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8418	0.8509
Kinematic Viscosity @ 100 °C, cSt	ASTM D-445	8.33	11.36
Kinematic Viscosity @ 40 °C, cSt	ASTM D-445	44.93	68
Viscosity Index	ASTM D-2270	163	161
Flash Point (COC), °C	ASTM D-92	230	230
Pour Point, °C	ASTM D-97	-45	-42
Total Base Number, mg KOH/g	ASTM D-2896	7.2	7.2

*These typical characteristics mentioned are based on current mean values.



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from PSO representative.



ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.



ADVICE

Advice on application not covered in this leaflet, may be obtained from PSO representative.

PRODUCT DATA SHEET