



**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** <sup>(1)</sup> against Low-Speed Pre-Ignition (LSPI).
- Enhanced protection of **timing chain by 20%** <sup>(2)</sup> and **valve train by 30%** <sup>(3)</sup> 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** <sup>(4)</sup> 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.