



CARIENT FULLY SYNTHETIC

Uniform Molecular Technology



PSO Carient Fully Synthetic is formulated with uniform molecular technology of PAO Synthetic base oils that provide a smooth layer of lubricant between the metallic surfaces sliding over each other, thus reducing friction, and enhances fuel efficiency. The combination of the most advanced additive technology and superior synthetic base stocks provides protection to highest rated RPM engines and precisely engineered modern passenger car engines operating under extreme temperatures and demanding tough driving conditions.

Benefits

- Polyalphaolefin synthetic base stock with the most advanced additive package ensures ultimate engine protection at peak performance.
- Advanced synthetic technology maintains oil fluidity over vast temperature range keeping engine components lubricated; allowing easy start-up and maximum engine protection.
- Outstanding shear stability and high viscosity index extend service life of the oil by maintaining a protective oil film between moving components in extreme-temperatures, heavy-load and high-speed condition.
- Uniform molecules minimize oil consumption, reducing deposits on engine components and oil supply lines, thus helping maintain fuel economy and a cleaner environment.
- Protects engine over a wide temperature range ensuring less engine downtime with reduced maintenance cost, enhancing fuel economy and engine efficiency at lower oil temperatures.
- Active anti-sludge agent in product formulation increases oil drain interval, keeping the engine clean for longer periods, removing chances of oil starvation due to filter blockage.

Application

- Applicable to all types of precisely engineered modern passenger cars.

Approval

- API SN

Typical Characteristics*

| PROPERTIES | METHODS | TYPICAL RESULTS |
|-----------------------------|-------------|-----------------|
| | | 5W-30 |
| Density @ 15°C, kg/L | ASTM D-4052 | 0.8570 |
| K. Viscosity @ 100°C, cSt | ASTM D-445 | 10.67 |
| K. Viscosity @ 40°C, cSt | ASTM D-445 | 62.66 |
| Viscosity Index | ASTM D-2270 | 161 |
| Flash Point (COC), °C | ASTM D-92 | 232 |
| Pour Point, °C | ASTM D-97 | -39 |
| Total Base Number, mg KOH/g | ASTM D-2896 | 7 |

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

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com