



PAKISTAN STATE OIL

PSO CARIENT ULTRA

Synthetic Formula

PRODUCT DESCRIPTION

PSO CARIENT ULTRA is a premium quality synthetic formula fortified with Advance Additive package. It ensures robust and longer oil service than conventional oils to provide superior engine protection, maintains viscosity at high and low temperatures; thus ensures easy start-up and excellent wear protection at high temperatures. The oil also provides strong protection to engine parts against corrosion and rust formation. The anti-oxidant characteristics resist against oil degradation and thus control oil thickening.

APPLICATIONS

- Formulated for high speed 4-stroke turbocharged or naturally aspirated gasoline engines.
- Equally suitable for all types of stationary and off-road gasoline engines.

PERFORMANCE STANDARDS

Superior additive technology used in formulation of PSO CARIENT ULTRA motor oil endorses the following performance standards:

| | |
|-------|--------|
| API | SN /CF |
| ILSAC | GF-5 |

BENEFITS

PSO CARIENT ULTRA motor oil provides the following benefits:

- Premium quality synthetic formula multi-grade engine oil suitable for modern passenger cars.
- Outstanding strength of protective oil film at extreme temperatures and load conditions, reducing friction between moving parts, thus enhancing fuel efficiency.
- Good thermal and oxidation stability gives extended oil drain interval and minimizes deposits on engine components.
- Excellent corrosion protection properties provide resistance against rust and extend engine service life.
- Protection against wear from cold temperature start-up, reduces energy losses and improves fuel efficiency
- High detergency and excellent dispersion control deposits at wide temperature range keeps engine components clean, removes contaminants from oil supply lines and ensures enhanced lubrication

PRODUCT CHARACTERISTICS*

| PROPERTIES | METHOD | TYPICAL RESULTS – SAE 10W-30 |
|-----------------------------------|-------------|------------------------------|
| Density @ 15°C | ASTM D-4052 | 0.8707 |
| Kinematic Viscosity @ 100 °C, cSt | ASTM D-445 | 11.21 |
| Kinematic Viscosity @ 40 °C, cSt | ASTM D-445 | 74.33 |
| Viscosity Index | ASTM D-2270 | 142 |
| Flash Point (COC), °C | ASTM D-92 | 212 |
| Pour Point, °C | ASTM D-97 | -27 |
| Total Base Number, mg KOH/g | ASTM D-2896 | 8.19 |

* 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.