

## **ENGINE OIL SAE 10W40**

*(High performance Synthetic blend Engine Oil)*



### **DESCRIPTION**

PATROL OIL SAE 10W40 API SP is formulated with a combination of high-tech synthetic and premium quality conventional base stocks combined with advanced additive technology. It helps engines maintain peak performance longer by providing improved wear control, deposit protection, volatility and low temperature flow characteristics versus conventional motor oils.

This oil provides protection under severe service conditions and meet the performance requirements of virtually all naturally aspirated, turbo charged and super charged gasoline passenger cars.

Meets API SP classification, protecting GDI (Gasoline Direct Injection) engines from low-speed pre-ignition (LSPI).

### **APPLICATIONS**

PATROL Semi Synthetic Motor Oil are formulated to give you confidence of protection beyond that of conventional oils. Particularly recommended for Latest gasoline engine technologies, Passenger cars, SUV's, light trucks and vans, Normal to severe operating conditions, Turbo-Chargers & High-Performance Engines.

### **PROPERTIES**

PATROL Semi Synthetic Motor Oil are high performance industry proven product, so you can trust that you will get the performance you want from your vehicle. Low friction semi-synthetic formulation increases engine efficiency and offers greater fuel economy & also helps to promote long engine life.

### **PRODUCT BENEFITS**

- Breakdown Resistance: Increases thermal and oxidation stability
- Deposit Control: Reduces formation of sludge and varnish deposits
- Volatility: Lowers oil vaporization and consumption at extreme conditions
- Wear Protection: Improves oil film strength and breakdown resistance
- Cold start Properties: Oil flows easily at low temperatures

## RECOMMENDATIONS / SPECIFICATIONS

**MEETS OR EXCEEDS** API SP; API SN Plus, API SN; ILSAC GF-6A; ACEA C3, A3/B4; MB 229.31/229.51; BMW LL04; PorscheA40; Renault RN0700/0710; VW 502.00/505.00; Fiat 9.55535-S2; Ford WSS-M2C917-A; PSA B712296

## TYPICAL TECHNICAL PROPERTIES

Density at 15°C, g/ml, ASTM D4052	0.855
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	92
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	14.4
Viscosity Index, ASTM D2270	154
Flash Point(COC), °C, ASTM D92	230
Pour Point, °C, ASTM D97	-39
Total Base Number, mg KOH/g, ASTM D2896	8.5
Cold Cranking Viscosity (CCS), mPas, ASTM D5293	4800@-25°C

**Note:** These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

**Health and Safety:** Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

