

## **ENGINE OIL SAE 20W50** *(High Performance Mineral based Oil)*



### **DESCRIPTION**

PATROL Motor Oil series are mineral based motor oils meeting the latest industry engine oil specifications. They are designed to provide an excellent level of protection and performance under the most demanding conditions.

### **APPLICATIONS**

PATROL Motor Oils series 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 Motor Oils series are high performance industry proven products so you can trust that you will get the performance you want from your vehicle. Low friction mineral based formulation increases engine efficiency and offers greater fuel economy & also helps to promote long engine life.

### **PRODUCT BENEFITS**

- Superior engine protection during start up
- Superior engine wear protection
- Minimizes sludge formation
- Reduces wear by controlling soot deposits
- Extension of engine's lifetime
- Reduced high temperature engine deposits
- Reduces wear due to advanced base oils
- Can be used in both Diesel & LPG engines
- Provides improved fuel economy
- Suitable for hydraulically actuated injectors
- Safe for wet clutch motorcycles
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures

## RECOMMENDATIONS / SPECIFICATIONS

*MEETS OR EXCEEDS*

**API SJ/CG-4**

## TYPICAL TECHNICAL PROPERTIES

Density at 15°C, g/ml, ASTM D4052	0.893
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	176.76
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	19.51
Viscosity Index, ASTM D2270	127
Flash Point(COC), °C, ASTM D92	238
Pour Point, °C, ASTM D97	-24
Total Base Number, mg KOH/g, ASTM D2896	10

**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.

