

## **ENGINE OILS SAE 40** *(High Performance Mono-grade Engine Oils)*



### **DESCRIPTION**

PATROL Engine Oils are high performance monograde engine oils formulated from advanced technology base oils and a balanced additive system.

They are specifically engineered for performance in inter-cooled, turbo-charged engines operating under severe on and off-highway conditions. These Oils can be used in a wide range of applications where a monograde lubricant is recommended.

### **APPLICATIONS**

PATROL Engine Oil series are formulated for use in naturally aspirated and turbo-charged diesel powered equipment, On-highway light and heavy-duty trucking & Off-highway industries including: construction, mining, quarrying & agriculture.

### **PROPERTIES**

PATROL Engine Oil series are high performance industry proven products so you can trust that you will get the performance you want from your vehicle.

Its high detergency/low dispersancy formulation releases contaminants and water readily in centrifugal separators. Gives long-term protection against corrosion of ferrous and non-ferrous metals

### **PRODUCT BENEFITS**

- Excellent protection against oil thickening
- Excellent protection against sludge build-up
- Excellent protection against ring sticking
- Reduces wear by controlling soot deposits
- Extension of engine's lifetime
- Reduced high temperature engine deposits
- Reduces wear due to advanced base oils
- Provides improved fuel economy
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures.

**RECOMMENDATIONS / SPECIFICATIONS**  
**MEETS OR EXCEEDS**

**API CF-4-SJ**

**TYPICAL TECHNICAL PROPERTIES**

Density at 15°C, g/ml, ASTM D4052	0.892
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	148.5
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	14.7
Viscosity Index, ASTM D2270	98
Flash Point(COC), °C, ASTM D92	240
Pour Point, °C, ASTM D97	-9
Total Base Number, mg KOH/g, ASTM D2896	REPORT

**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 off used product, take care to protect the environment

