

# COSMOS<sup>®</sup>

## **COSMOS GASOLINE ENGINE OIL** **Mineral**

**COSMOS Gasoline Engine Oil** is a high-quality, mineral oil based gasoline engine oil, mono & multi-grades designed primarily to be used in passenger cars and trucks in light-duty service. This motor oil is formulated to provide good wear protection, to minimize the formation of sludge and varnish, and to protect against rust, bearing corrosion and foaming. It should not be used in engines where an oil meeting new car warranty requirements is required.

### **FEATURES:**

- Excellent oxidation resistance
- Protects against sludge and varnish formation
- Protects against wear
- Protects against rust and bearing corrosion
- Good foam resistance

### **PERFORMANCE LEVELS**

API SF/CD

### **TYPICAL CHARACTERISTICS**

| Properties                                     | Typical Value |       |       |       |       |
|--|---------------|-------|-------|-------|-------|
| SAE Grade                                      | 30            | 40    | 50    | 60    | 20W50 |
| Density @ 15°C                                 | 0.879         | 0.89  | 0.9   | 0.905 | 0.885 |
| Color, ASTM D1500                              | 3.5           | 3.5   | >3.5  | >3.5  | 3.5   |
| Flash Point, COC, °C                           | 220           | 240   | >240  | >240  | >240  |
| Kinematic Viscosity @40°C, mm <sup>2</sup> /s  | 96.0          | 145.0 | 220   | 318   | 165   |
| Kinematic Viscosity @100°C, mm <sup>2</sup> /s | 11.0          | 14.5  | 19.1  | 24    | 19.05 |
| Viscosity Index                                | >95           | >95   | >90   | >90   | >125  |
| Total Base Number, mg KOH/g                    | 6.2           | 6.2   | 6.8   | 6.8   | 6.8   |
| Pour Point, °C                                 | -15           | -15   | -12.0 | -12.0 | -21   |
| Sulphated Ash, ASTM D874, wt%                  | 0.8           | 0.8   | 0.85  | 0.85  | 0.85  |

\*These characteristics are typical of current production. Whilst future production will conform to COSMOS's specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.

### **HEALTH, SAFETY, & ENVIRONMENTAL PROTECTION**

- COSMOS Gasoline Engine Oil is unlikely to present any health hazard when properly used in the recommended application & good standards of personal and industrial hygiene is maintained. Avoid contact with skin, use imperious gloves for used oil. After skin contact, wash immediately with soap and water.
- Take used oil to an authorized collection point. Do not discharge into drains, soil and water.