

Product Data Sheet

HIPRO MX1

Multi-Grade Gasoline Engine Oil

PRODUCT FEATURES

MX1 contains 100% Virgin Base Stock and formulated with the latest technology additives system. High viscosity helps to provide superior lubrication for all modern engines that requires multi-grade engine oil. It is blended to meet all year round requirements of passenger car gasoline and diesel engines where API SG/CD is recommended.

APPLICATIONS

Suitable for passenger cars, sport utility vehicles and light duty commercial vehicles operating on both gasoline and diesel engines.

SPECIAL PROPERTIES

- ◆ Exhibits easier cold weather starting.
- ◆ Resists breakdown at high temperature.
- ◆ Outstanding engine cleanliness and low combustion residues.
- ◆ Oxidation stability and anti-corrosion properties.

PERFORMANCE LEVELS

- ◆ API SG/CD, JASO MA2

TYPICAL SPECIFICATION

| | | | SAE 10W-30 | SAE 20W-50 |
|------------------------|---------|-------------|---------------|-------------------------|
| PROPERTY | UNIT | TEST METHOD | SPECIFICATION | |
| Density at 15 deg C | Kg/l | ASTM D 4052 | 0.8740 | 0.8850 |
| Viscosity at 40 deg C | cSt | ASTM D 445 | 78 (typ) | 150 (typ) |
| Viscosity at 100 deg C | cSt | ASTM D 445 | 9.3 – 12.5 | 17.5 – 19.5 |
| Viscosity Index | | ASTM D 2270 | 130 (typ) | 122 |
| CCS @ -25 deg C | cP | ASTM D 5293 | Max 7,000 | Max 9,500 (@ -15 deg C) |
| Flash Point COC | | ASTM D 92 | 210 (min) | 220 (min) |
| Pour Point | deg C | ASTM D 97 | -27 | -21 |
| Total Base Number | mgKOH/g | ASTM D 2896 | 5.48 | 5.48 |

* The above specifications are typical of current production, variation in these characteristics may occur, but will not affect the product performance.

CAUTION: Continuous contact with used oil has caused skin cancer in lab animals. Avoid prolonged skin contact. Avoid eye contact. Wash skin thoroughly with soap and water after handling. Flush eyes with water for 15 minutes in case of contact. If swallowed, do not induce vomiting. Contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**