

## PENNZOIL ULTRA<sup>®</sup> FULL SYNTHETIC MOTOR OIL

## **PRODUCT DESCRIPTION**

PENNZOIL ULTRA<sup>®</sup> FULL SYNTHETIC MOTOR OIL with Hyper Cleansing Technology <sup>TM</sup> From the maker of the leading motor oil in America, an advanced proprietary synthetic formula, designed to exceed the toughest car manufacturer standards and engineered to get your engine closer to factory clean. Because at Pennzoil we know, a cleaner engine is better protected, more efficient and delivers optimum performance.

Specially formulated for those people who are committed to buying a synthetic lubricant, who want nothing but the best.

## APPLICATION

PENNZOIL ULTRA<sup>®</sup> FULL SYNTHETIC MOTOR OIL with Hyper Cleansing Technology <sup>TM</sup> is suitable for fuelinjected gasoline engines fitted with 'blow-by' recirculation and catalytic converters operating in extreme driving conditions. Compatible with all engine sealing materials, other synthetic oils and all conventional oils.

## **FEATURES**

- Hyper Cleansing Technology <sup>TM</sup>
- Low Volatility Oil

#### **BENEFITS**

- Seeks out and dissolves contaminants safely into the oil before they form deposits in the engine.
- Helps to prevent the build-up of sludge, damaging deposits, corrosion and engine wear
- Provides oil stability and endurance under extreme conditions (heat, load and speed) for protection against viscosity and thermal breakdown
- Provides proven protection for critical engine parts
- Helps protect emissions systems.

## **SPECIFICATIONS & APPROVALS**

- API SM.
- ILSAC GF-4.
- Chrysler MS 6395Q (5W-20, 5W-30 & 10W-30).
- Ford WSS-M2C-929-A (5W-30), WSS-M2C-930-A (5W-20).
- GM 6094M (5W-20, 5W-30 & 10W-30), & GM 4718M (5W-30 & 10W-30).
- Acura HTO-06 for turbo-charged applications (5W-30).
- Exceeds the engine protection requirements of ILSAC GF-5 (2010).

## **HEALTH & SAFETY**

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from your Pennzoil representative.

#### PROTECT THE ENVIRONMENT

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.



| TEST                               | METHOD          |              |              | 1            |
|------------------------------------|-----------------|--------------|--------------|--------------|
| Viscosity Grade.                   |                 | 5W-20        | 5W-30        | 10W-30       |
| API Service                        |                 | SM           | SM           | SM/CF        |
| ILSAC                              |                 | GF-4         | GF-4         | GF-4         |
| Gravity, °API                      | ASTM D-287      | 34.38        | 33.8         | 33.3         |
| Specific Gravity @<br>60°F(15.6°C) | ASTM D-287      | 0.852        | 0.856        | 0.859        |
| Viscosity                          |                 |              |              |              |
| @ 40°C, cSt                        | ASTM D-445      | 46.68        | 57.5         | 61.9         |
| @ 100°C, cSt                       | ASTM D-445      | 8.41         | 10.3         | 10.3         |
| Viscosity Index                    | ASTM D-<br>2270 | 158          | 169          | 156          |
| Flash Point , °C                   | ASTM D-93       | 224          | 224          | 224          |
| Pour Point, °C                     | ASTM D-97       | -45          | -45          | -39          |
| MRV viscosity, cP<br>(°C)          | ASTD D-<br>4684 | 11,700 (-35) | 13,000 (-35) | 10,400 (-30) |
| CCS Viscosity, cP (°C<br>)         | ASTM D-<br>5293 | 4,250 (-35)  | 5,150 (-35)  | 4,570 (-30)  |
| HT/HS Viscosity, cP                | ASTM D-<br>4683 | 2.7          | 3.1          | 3.2          |
| Noack Volatility, %                | ASTM D-<br>5800 | 12.6         | 11.9         | 11.2         |

# TYPICAL PHYSICAL AND CHEMICAL PROPERTIES PENNZOIL ULTRA<sup>®</sup> FULL SYNTHETIC MOTOR OIL

These characteristics are typical. While future production will conform to Pennzoil's specifications, variations in these characteristics may occur. The information contained herein is subject to change without notification.