

# **PENNZOIL PLATINUM<sup>®</sup> 10W-30**

**FULL SYNTHETIC MOTOR OIL WITH PUREPLUS<sup>™</sup> TECHNOLOGY**

## **TECHNICAL DATA SHEET**



Pennzoil Platinum<sup>®</sup> with PurePlus<sup>™</sup> Technology is a first of its kind full synthetic motor oil made from natural gas and designed for COMPLETE PROTECTION.

### **PERFORMANCE, FEATURES & BENEFITS**

PurePlus<sup>™</sup> Technology is our patented, revolutionary gas-to-liquid process that converts natural gas to first-of-its-kind extremely high quality full synthetic base oil. Because our base stock is made from natural gas, it is crystal clear with fewer of the impurities found in crude oil, the start for many other traditional & synthetic motor oils. From that pure, clear base we add our unique Active Cleansing Agents to create Pennzoil Platinum, a motor oil designed for COMPLETE PROTECTION, without compromise:

- \* **CLEANER PISTONS** - Based on Sequence IIIG piston deposit test using SAE 5W-30
- \* **BETTER FUEL ECONOMY** - Fuel economy measurements made using CAFÉ cycle under FTP75. Avg of 550 extra miles based on mixed city/highway miles and US avg of 13,476 miles driven per year with 4.1% better MPG vs dirty engine. Source fhwa.dot.gov, 2011. Follow OEM recommended oil drain intervals.
- \* **PROTECTS HORSEPOWER**
- \* **UNSURPASSED WEAR PROTECTION** - Based on Sequence IVA wear test using SAE 5W-30
- \* **EXCELLENT PERFORMANCE IN EXTREME TEMPERATURES**

### **MAIN APPLICATIONS**

Pennzoil Platinum<sup>®</sup> 10W-30 Full Synthetic Motor oil with PurePlus<sup>™</sup> Technology is recommended for several specialty and truck applications for different manufacturers. This was the predominant grade of oil in the mid-1990s and is still recommended for some higher temperature applications.

Always consult your owner's manual for the correct viscosity choice and specification grade of oil required. Viscosity recommendations often allow a range of viscosities based on local temperatures.

### **SPECIFICATIONS, APPROVALS & RECOMMENDATIONS**

Exceeds the requirements of the following industry specifications:

- API SN and all previous categories
- ILSAC GF-5.
- Exceeds Chrysler MS-6395, GM 6094M and GM 4718M

## TYPICAL PHYSICAL CHARACTERISTICS

<i>Properties</i>	<i>Method</i>	<i>Pennzoil Platinum® 10W-30 Full Synthetic Motor oil with PurePlus™ Technology</i>
SAE Viscosity Grade	SAE J300	10W-30
API Service Category		SN
ILSAC		GF-5
ACEA		-
Density	g/cm <sup>3</sup>	0.843
Flash Point	°C	ASTM D93 224
Pour Point	°C	ASTM D97 -48
Viscosity	@ 40°C cSt	ASTM D445 63.3
Viscosity	@ 100°C cSt	ASTM D445 10.3
Viscosity Index		ASTM D2270 150
CCS Viscosity	@ -30°C cP	ASTM D5293 4,150 (-25)
MRV Viscosity	@ -35°C cP	ASTM D4684 8,500 (-30)
Noack Volatility	%	ASTM D5800 4.7

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

## HEALTH, SAFETY & ENVIRONMENT

### Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on health and safety is available on the appropriate Material Safety Data Sheet (MSDS), which can be obtained from <http://epc.shell.com>

### Protect the Environment

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

## ADDITIONAL INFORMATION

### Advice

To find the right Pennzoil product for your vehicles and equipment, please consult [www.pennzoil.com](http://www.pennzoil.com) to look-up the right motor oil recommendation using our oil selector.

Advice on applications not covered here may be obtained from your Shell or Shell Lubricants representatives or technical help desks.