



PENNZOIL ULTRA PLATINUM® 0W-40

FULL SYNTHETIC MOTOR OIL WITH PUREPLUS™ TECHNOLOGY

TECHNICAL DATA SHEET

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

PERFORMANCE, FEATURES & BENEFITS

PurePlus™ 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.

- **CLEANEST PISTONS**

Keeps pistons up to 25% cleaner than the leading synthetic. Based on pistons from standard V6 engine in ASTM Sequence III G piston deposit test using SAE 5W-30

- **BETTER FUEL ECONOMY**

2 Fuel economy measurements made using CAFE 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 Ultra Platinum™ with PurePlus™ Technology is compatible with all engine sealing materials, other synthetic oils and all conventional oils and is suitable for all cars, SUV's, light vans and trucks, gasoline and turbocharged engines requiring these performance grades and viscosities, under all driving conditions. This includes most North American, Asian, Japanese, and some European vehicles such as Saab and Volvo.

Always consult your owner's manual for the correct viscosity choice and specification grade of oil required.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk.

TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Pennzoil Ultra Platinum®
SAE Viscosity Grade		SAE J300	0W-40
API Service Category			SN
ILSAC			N/A
ACEA			N/A
Density	g/cm ³	ASTM D4052	0.841
Flash Point	°C	ASTM D93	224
Pour Point	°C	ASTM D97	-51
Kinematic Viscosity	@40°C cSt	ASTM D445	74.9
Kinematic Viscosity	@100°C cSt	ASTM D445	13.7
Viscosity Index		ASTM D2270	189
CCS Viscosity	@-35°C cP	ASTM D5293	21 500

Properties			Method	Pennzoil Ultra Platinum®
MRV Viscosity	@-40°C	cP	ASTM D4684	5 850
Noack Volatility		%	ASTM D5800	13

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

Pennzoil Ultra Platinum® 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, which can be obtained from www.epc.shell.com

Protect the Environment

Take used oil to an authorised 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 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 distributor representatives or technical help desks.