



PENNZOIL ULTRA PLATINUM® 5W-20

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.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry specifications:

- API SN and all previous categories
- ILSAC GF-5 and ACEA A1/B1
- Exceeds Chrysler MS-6395, Ford WSS-M2C930-A, Ford WSS-M2C945-A, GM 6094M and dexos1®

TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Pennzoil Ultra Platinum®
SAE Viscosity Grade		SAE J300	5W-20
API Service Category			SN
ILSAC			GF-5
ACEA			A1/B1-10/B1-12
Density	g/cm ³	ASTM D4052	0.84
Flash Point	°C	ASTM D93	224
Pour Point	°C	ASTM D97	-48
Kinematic Viscosity	@40°C cSt	ASTM D445	48
Kinematic Viscosity	@100°C cSt	ASTM D445	8.8
Viscosity Index		ASTM D2270	164
CCS Viscosity	@-30°C cP	ASTM D5293	4 050

Properties			Method	Pennzoil Ultra Platinum®
MRV Viscosity	@-35°C	cP	ASTM D4684	9 300
Noack Volatility		%	ASTM D5800	10.5

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.