



# **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 which 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 Ultra 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 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 Ultra Platinum™ 5W-20 with PurePlus™ Technology is recommended for use in all vehicles requiring the use of SAE 5W-20 viscosity grade engine oils under all driving conditions.

SAE 5W-20 viscosity grade engine oils are commonly recommended for use in many new vehicles with modern engine technology for maximum fuel economy and performance.

Pennzoil Ultra Platinum™ with PurePlus™ Technology can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions.

SAE 5W-20 may not be suitable for use in older engines so always consult your owners manual for the correct viscosity grade and performance recommendation required for your vehicle.

### Specifications, Approvals & Recommendations

- Chrysler MS-6395
- Ford WSS-M2C930-A
- Ford WSS-M2C945-A (meets requirements)

- GM 6094M, dexos1®

Exceeds the requirements of the following industry specifications:

- API SN and all previous categories
- ILSAC GF-5
- ACEA A1/B1-10, A1/B1-12

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

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.

## 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 <sup>3</sup>	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
MRV Viscosity	@-35°C	cP	ASTM D4684	9 300
Noack Volatility	%	ASTM D5800	10.5	

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

## Health, Safety & Environment

### Health and Safety

Pennzoil Ultra Platinum™ 5W-20 Full Synthetic Motor Oil with PurePlus™ Technology 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](http://www.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

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