

# PENNZOIL® GOLD™ 10W-30 SYNTHETIC BLEND MOTOR OIL

## TECHNICAL DATA SHEET



PENNZOIL® GOLD™ SAE 10W-30 From the maker of America's most trusted motor oil<sup>1</sup>, an advanced proprietary synthetic blend formula with Active Cleansing Agents. Utilizes the advances of blended synthetic technology to better prevent dirt and contaminants from turning into performance robbing deposits. And cleans out sludge. Because at Pennzoil® we know, a cleaner engine is better protected and responsive. It meets or exceeds the engine protection required by ILSAC GF-5. Redesigned for modern turbocharged engines – API SN PLUS, API SN-Resource Conserving and all previous categories.

<sup>1</sup> Based on a survey of licensed drivers conducted by a leading research firm January 2005 - December 2010.

### PERFORMANCE, FEATURES & BENEFITS

#### Pennzoil® Gold™ 10W-30 with active cleansing technology

- Better for severe driving conditions than a conventional oil.<sup>2</sup>
- Helps prevent sludge and other damaging deposits.
- Helps clean up engines by gently lifting sludge deposits off engine surfaces and dissolving them safely into the oil.
- Helps keep engines clean, even under temperature extremes
- Provides proven wear protection.
- Controls high-temperature oxidation and deposits
- Synthetic base for added oxidation stability, improved volatility and low-temperature properties
- Low-friction formula helps improve gas mileage compared to higher viscosities or the GF-4 and earlier service categories.
- Enhanced emission system protection compared to GF-4 and earlier service categories.

<sup>2</sup> Examples of severe driving conditions are stop and go driving, frequent short trips, extreme hot or cold temperatures, extensive idling, driving with heavy loads, or driving in dusty conditions

### MAIN APPLICATIONS

Pennzoil® GOLD™ 10W-30 is recommended for use in all vehicles requiring the use of SAE 10W-30 viscosity grade engine oils under all driving conditions.

Pennzoil® GOLD™ 10W-30 can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions.

Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

### SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- Chrysler MS-6395
- GM 6094M

Exceeds the requirements of the following industry specifications:

- API SN-Resource Conserving and all previous Categories
- API SN PLUS
- ILSAC GF-5

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

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## **PENNZOIL® GOLD™ 10W-30 SYNTHETIC BLEND MOTOR OIL**

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**

<b>Properties</b>	<b>Method</b>	<b>Pennzoil® GOLD™ 10W-30</b>
<b>Viscosity Grade</b>	SAE J300	10W-30
<b>Service Category</b>		SN PLUS, SN-Resource Conserving
<b>ILSAC</b>		GF-5
<b>ACEA</b>		N/A
<b>Density</b>	kg/m <sup>3</sup>	ASTM D4052 855
<b>Flash Point</b>	°C	ASTM D93 221
<b>Pour Point</b>	°C	ASTM D97 -45
<b>Kinematic Viscosity</b>	@40°C cSt	ASTM D445 63.7
<b>Kinematic Viscosity</b>	@100°C cSt	ASTM D445 10.4
<b>Viscosity Index</b>		ASTM D2270 152
<b>CCS Viscosity</b>	@-25°C cP	ASTM D5293 4 000
<b>MRV Viscosity</b>	@-30°C cP	ASTM D4684 12 000

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

### **HEALTH, SAFETY & ENVIRONMENT**

#### **Health and Safety**

Pennzoil® Gold™ 10W-30 Synthetic Blend Motor Oil (SN-GF/5) 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 Safety Data Sheet, which can be obtained from <http://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**

Advice on applications not covered here may be obtained from your Shell Lubricants distributor representative or Shell Technical Helpdesk.