



PENNZOIL[®] MOTOR OIL

PRODUCT DESCRIPTION

PENNZOIL[®] MOTOR OIL mono-grade from the maker of the leading motor oil in America, an advanced proprietary conventional formula with Active Cleansing Agents. Not only helps prevent dirt and contaminants from turning into performance robbing deposits, but also 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 API SN and is specially formulated to provide extra protection against the harmful effects of stop-and-go driving and high and low-temperature engine operation.

APPLICATION

PENNZOIL[®] MOTOR OIL mono-grade oils are suitable for use in engines fuelled with gasoline or LPG that require SAE 30 or SAE 40 viscosity grades. They meet or exceed the performance requirements of the API SN Service Classification. Suitable for use in older engines where the owner's manual recommends API SM, SL, SJ, SH, SG, SF or SE Service Classification oils.

PENNZOIL[®] MOTOR OIL mono-grades are formulated to protect engines that have been converted to use propane, butane or LPG gas as fuel. These engines tend to produce a higher peak combustion temperature that can result in ash deposits forming in the combustion chamber. This condition can lead to increased valve temperatures and greater valve seat wear, which is inhibited by PENNZOIL[®] MOTOR OIL mono grades.

PENNZOIL[®] MOTOR OIL mono-grades are suitable for use in hydraulic systems, air compressors and industrial circulating systems requiring the use of detergent type single grade motor oils.

Viscosity recommendations vary according to temperature and engine manufacturer. Always consult your owner's manual for the correct viscosity choice and specification grade of oil required.

PENNZOIL[®] MOTOR OIL mono-grades.

FEATURES

Pennzoil Motor oil mono-grade with active cleansing technology

- Cleans out up to 40% of engine sludge in the 1st oil change. Continues to clean in the 2nd oil change*
* Based on severe sludge clean-up test using SAE 5W-30
- No leading conventional oil helps keep engines cleaner¹.
¹Based on Sequence VG sludge test on SAE 5W-30.
- No leading conventional oil provides better wear protection².
²Based on Sequence IVA wear test on SAE 5W-30.

BENEFITS

Pennzoil Gold motor oil with Active Cleansing Agents:

- 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.
- Provides proven wear protection.
- Controls high-temperature oxidation and deposits.
- Helps protect emission systems.



SPECIFICATIONS & APPROVALS

- Meets or exceeds API SN Service Classification.
- Meets or exceeds the highest U.S. standards for automotive engine wear protection .

HEALTH & SAFETY

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pennzoil® representative.

Protect the environment

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



**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
PENNZOIL[®] MOTOR OIL mono-grade**

TEST	METHOD		
Pennzoil [®] MOTOR OIL		30	40
SAE Viscosity Grade	SAE J300	30	40
API Service Category		SN	SN
Gravity, °API	ASTM D-287	28.5	27.0
Specific Gravity @ 15.6°C(60°F)	ASTM D-287	0.88	0.89
Pounds per gallon		7.36	7.43
Flash Point, °C	ASTM D-93	232	235
Pour Point, °C	ASTM D-97	-30	-27
Color	ASTM D-1500	7.0	7.0
Viscosity			
@ 40°C, cSt	ASTM D-445	98	165
@ 100°C, cSt	ASTM D-445	11.5	15.5
Viscosity Index	ASTM D-2270	105	100

These characteristics are typical of current production. While future production will conform to Pennzoil's specification, variations in these characteristics may occur. The information contained herein is subject to change without notice.