



PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL

PRODUCT DESCRIPTION

PENNZOIL® PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL is a premium synthetic engine oil that is uniquely formulated to meet the needs of European automobiles.

PENNZOIL® PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL is a low volatility oil that provides excellent high-temperature protection and low-temperature protection. It resists high temperature oxidation better than conventional oils.

APPLICATION

PENNZOIL® PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL can be used in both passenger car and light duty diesel applications. It is specifically recommended for BMW and Porsche vehicles and where Mercedes-Benz 229.3, MB 229.1, VW 502.00, or VW 505.00 performance is required. PENNZOIL® PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL surpasses the performance requirements of API SL/CF, and ACEA A3/B4-02 and B3-98. PENNZOIL® PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL can also be used for domestic vehicles where an API SJ, SH or API SG category is recommended. PENNZOIL® PLATINUM SYNTHETIC EUROPEAN FORMULATION MOTOR OIL is only available in a SAE 5W-40 viscosity grade.

BENEFITS

- Protects against harmful engine deposits and wear caused by high and low-temperature severe service
- Outperforms conventional motor oils in providing protection for hot running engines.
- Protects against rust and corrosion caused by severe, low-temperature stop and go driving
- Has MB 229.3 and MB 229.1 performance approval
- Has VW 502.00, and VW 505.00 performance approval
- Has BMW LL-98 approval
- Has Porsche approval
- Exceeds the requirements of ACEA A3/B4-02 and B3-98
- Exceeds the requirements of API SL/CF

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
 PENNZOIL[®] PLATINUM SYNTHETIC EUROPEAN FORMULATION
 MOTOR OIL**

TEST	METHOD	TYPICAL RESULTS
SAE grade		5W-40
API Service		SL/CF
ACEA Service		A3/B4-02, B3-98
Gravity, °API	ASTM D-287	35.8
Viscosity		
@ 40°C, cSt	ASTM D-445	90.5
@ 100°C, cSt	ASTM D-445	14.5
Viscosity Index	ASTM D-2270	178
Flash Point, °C	ASTM D-93	226
Pour Point, °C	ASTM D-97	-39
CCS Viscosity, cP (°C)	ASTM D-5293	6,200(-30)
MRV Viscosity, cP (°C)	ASTM D-4684	36,000(-35)
HT/HS Viscosity, cP	ASTM D-4683	3.9
Noack Volatility, %	ASTM D-5800	11
Material Number		
6/1 Quart		5063687