



PENNZOIL PLATINUM® EUROPEAN FORMULA ULTRA 5W-30

PRODUCT DESCRIPTION

PENNZOIL PLATINUM® EUROPEAN FORMULA ULTRA 5W-30 is a premium synthetic engine oil that is formulated to meet the needs of advanced European automobiles.

PENNZOIL PLATINUM® EUROPEAN FORMULA ULTRA 5W-30 with superior Active Cleansing Agents continuously attacks potential and stubborn deposits to help keep the engine clean. Pennzoil Platinum motor oil's ability to clean up your engine helps maximize engine responsiveness. Pennzoil Platinum 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® EUROPEAN FORMULA ULTRA 5W-30 can be used in both passenger car and light duty diesel applications. It is approved for BMW LL-01, MB 229.5, VW 502 00, VW 505 00, VW-Audi 503 01 applications. PENNZOIL PLATINUM® EUROPEAN FORMULA ULTRA 5W-30 meets or exceeds the performance requirements of API SH/CF and ACEA A3/B3/B4-04.

FEATURES

- Superior Active Cleansing Agents
- PENNZOIL PLATINUM® EUROPEAN FORMULA ULTRA 5W-30 is engineered with our unique Adaptive Molecules. These molecules are designed to:
 - Maintain viscosity control under high heat
 - Prevent viscosity loss due to shearing by reforming continuously
 - Withstand extreme pressures at critical points by clustering together, acting like microscopic shock absorbers to absorb the impact
- Low Volatility Oil

BENEFITS

- Provides our ultimate clean
- Actively cleans up and helps keep engines clean
- Provides ultimate protection against high temperature and deposit breakdown
- Helps protect emissions systems
- Maximizes responsiveness
- 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
- Provides extra protection against accelerated oil consumption normally associated with high-temperature conditions

SPECIFICATIONS & APPROVALS

- Meets extended drain requirements of premium European vehicles
- Has MB - Approval 229.5
- Has VW 502 00, 505 00, 503 01 (Audi) approvals
- Has BMW LL-01 approval
- Meets or exceeds the requirements of ACEA A3/B4-04
- Meets or exceeds the requirements of API SH/CF



**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
PENNZOIL PLATINUM® EUROPEAN FORMULA ULTRA 5W-30**

TEST	METHOD	TYPICAL RESULTS
SAE Grade		5W-30
API Service		SH/CF
ACEA Service		A3/B3/B4
Gravity, °API	ASTM D-287	34.6
Viscosity		
@ 40°C, cSt	ASTM D-445	64.7
@ 100°C, cSt	ASTM D-445	11.7
Viscosity Index	ASTM D-2270	173
Flashpoint, °C	ASTM D-93	227
Pourpoint, °C	ASTM D-97	-39
CCS Viscosity, cP (°C)	ASTM D-5293	6,580 (-30)
MRV Viscosity cP (°C)	ASTM D-4684	44,000 (-35)
HT/HS Viscosity, cP	ASTM D-4683	3.5
Noack Volatility, %	ASTM D-5800	9.3

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