



PRODUCT DATA SHEET

Premium Quality Lubricants

NATIONAL™ SYNTHETIC MB SAE 5W-40 HIGH PERFORMANCE ENGINE OIL FOR EUROPEAN VEHICLES

PRODUCT DESCRIPTION

NATIONAL™ SYNTHETIC MB SAE 5W-40 engine oil is formulated with advanced additive technology and Synthetic base stocks. It exceeds API SM/CF requirements for model year 2007 and newer diesel engines and is fully backward compatible. Provides excellent wear protection, outstanding resistance to viscosity and thermal breakdown at high temperatures, protects against rust and bearing corrosion and low volatility for reduced oil consumption.

INDUSTRY AND OEM SPECIFICATIONS

- * API SM/CF
- * ACEA A3/B4-04 (Including the ACEA 2007 version)
- * VW 502 00/505 00
- * VW 503 01
- * Mercedes Benz MB p229.5
- * Porsche
- * BMW LL-01 (Longlife - 01)

APPLICATIONS

NATIONAL™ SYNTHETIC MB SAE 5W-40 motor oil meets or exceeds a wide range of North American and European performance requirements. It is recommended for use in passenger cars, light trucks and sports utility vehicles under all driving conditions. It is particularly recommended for use in European vehicles such as BMW, Mercedes-Benz, Porsche and Volkswagen.

TYPICAL PROPERTIES

SAE GRADE	TEST	5W40
Viscosity @100°C	D445	14.0
Viscosity Index	D2770	169
CCS Viscosity @-30°C (cP max.)	D5293	6300
Pour Point °C	D97	-35

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