



PASSENGER CAR MOTOR OIL

Full Synthetic Euro SAE 5W-40

ACEA C3-16

API SN/CF

MID-SAPS



REFERENCE PHOTOGRAPH

DESCRIPTION

European 5W40 Motor Oil is a high performance, extreme fuel-economy oil for a variety of vehicles with or without extended service intervals, formulated with fully-synthetic base oils and Mid-SAPS technology; it provides excellent cold starting and lower oil consumption. European 5W40 Motor Oil provides superior engine protection under all driving conditions and specifically formulated to provide extra protection against the harmful effects of city driving, where cars undergo a higher stress due to constant stopping and going.

FEATURES & BENEFITS

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|---|---|
| <p>01 Protects engines under all driving conditions.</p> | <p>02 Lowers friction and improves gas mileage.</p> |
| <p>03 Provides longer engine life.</p> | <p>04 Protects against rust, corrosion and varnish.</p> |
| <p>05 Resists thermal break-down.</p> | <p>06 Reduced ash content makes suitable for engines equipped with particle filters.</p> |

APPLICATIONS

European 5W40 Motor Oil meets requirements of the ACEA C3 and API SN service categories.

MEETS REQUIREMENTS OF

API SN/CF	ACEA C3-16	MB 229.31/229.51
BMW LL-04	Porsche A40	Mid-SAPS

* ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

TYPICAL TEST DATA

SAE GRADE	5W40
Specific Gravity, (60°F)	0.8446
Viscosity, @ 40°C, cSt	87.1
Viscosity, @ 100°C, cSt	14.5
Viscosity Index	174
CCS Vis, ASTM D 5293, cP at 'C, Max	6600 @ -30C
Flash Point, °F	410
Pour Point, °C (°F)	-42 (-44)
Color, Max	4.5
Noack Volatility, %	8.7
TBN	8
Sulfated Ash, wt%	0.8
Phosphorus, wt%	0.08

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.

CODES & AVAILABLE PRESENTATIONS

PG104-BLK

PureGuard Full Synthetic Euro SAE 5W-40

BULK

PERFORMANCE AT A GLANCE

VISCOSITY INDEX

174

NOACK VOLATILITY, %

8.7

FLASH POINT, °F

410

