



# Premier Full Synthetic Euro 5W-40

**Premier Full Synthetic Euro SAE 5W-40** engine oil is specially formulated for the lubrication needs of modern European gasoline and diesel cars and light trucks.

## BENEFITS

- Formulated with advanced 100% synthetic base stocks, premium anti-wear additives and a 5W-40 viscosity rating that is the preferred oil for virtually all European automobiles, especially turbo-charged models.
- Provides outstanding protection in high RPM, hot running engines.
- Specially designed to prevent sludge and varnish deposits for reduced oil consumption, extended engine life and maximum overall performance resulting in a clean engine.
- Designed for newer vehicle emission control systems
- Meets industry and vehicle manufacturer requirements for long life protection of gasoline vehicle catalytic converters.
- Delivers dependable long-term performance for the extended drain intervals set by all major automakers- Audi, BMW, Mercedes-Benz, Opel, Porsche, Renault, Skoda, SEAT, Volkswagen.

**Premier Full Synthetic Euro SAE 5W-40** meets or exceeds the following performance specifications: API SN and SM, ACEA A3/B3 and A3/B4, BMW LL-01, MERCEDES BENZ 229.5, 229.3, PORSCHE A40, OPEL GM-LL-B-025, RENAULT 0700 AND 0710 VOLKSWAGEN 501 01, 502 00, 505 00

TYPICAL RESULTS		
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8507
Viscosity @ 40°C cSt	ASTM D445	76.77
Viscosity @ 100°C cSt	ASTM D445	12.95
Viscosity Index	ASTM D2270	170
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Color	ASTM D1500	2
Cold Cranking Simulator at (°C), cP	ASTM D5293	5266 (-30)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.7
Noack Volatility, % loss	ASTM D6375	10
Calcium, wt. %	ASTM D5185	0.26
Zinc, wt. %	ASTM D5185	0.102
Phosphorus, wt. %	ASTM D5185	0.092
Sulfur, wt. %	ASTM D4951	0.19
Boron, wt. %	ASTM D5185	0.007
Nitrogen, wt. %	ASTM D4629	0.089
Pumping Viscosity at (°C), cP	ASTM D4684	28,400 (-35)
Gravity, °API	ASTM D287	34.83
TBN, mgKOH/g	ASTM D2896	9.8

Product(s) manufactured in the USA. Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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