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THE
**GOOD
STUFF**

GT-1® Full Synthetic Euro Motor Oil

Kendall® GT-1 Full Synthetic Euro Motor Oil is a premium quality, full-synthetic, low-SAPS engine oil designed to provide maximum protection for European passenger cars under all operating conditions. It also is recommended for other vehicles operating at extreme temperatures or under severe driving conditions, such as towing heavy loads. It is recommended for use in many gasoline and light-duty diesel engines, including VW TDI diesel engines with unit injectors, diesel engines without DPF, and select diesel engines with DPF.

GT-1 Full Synthetic Euro Motor Oil provides enhanced performance benefits compared with conventional engine oils. These benefits include better oxidation resistance and thermal stability at high temperatures for improved protection against viscosity breakdown and deposit formation; lower volatility for reduced oil consumption; and better low-temperature pumpability for easier starting and faster oil circulation at low temperatures. The low-SAPS formulation helps protect exhaust aftertreatment devices and emission system catalysts.

GT-1 Full Synthetic Euro Motor Oil meets or exceeds the performance requirements of API Service Category SN, and is approved for service fill under leading European OEM specifications.

Applications

- Audi: gasoline engines (except the R8 GT & R8 V10) and diesel engines without DPF, standard drain only
- BMW: most pre-2002 model-year gasoline engines, except M-series & Z8 that require an SAE 10W-60 viscosity grade oil, and diesel engines with or without DPF
- Mercedes-Benz: most pre-2011 model-year gasoline engines; diesel engines with or without DPF except most BlueTEC® diesels with the OM 642 engine
- Volkswagen: gasoline engines and diesel engines without DPF, standard drain only
- Passenger cars, light trucks and sport utility vehicles that do not require an ILSAC GF-5 oil for warranty coverage, especially when operating under severe driving conditions

GT-1 Full Synthetic Euro Motor Oil meets or exceeds the requirements of:

- API Service SN
- ACEA C3-10, A3/B4-08
- Chrysler MS-11106

GT-1 Full Synthetic Euro Motor Oil is fully approved for service fill under the following OEM specifications:

- BMW Longlife-04 Oil
- Mercedes-Benz Sheet 229.51
- VW Standard 505.01, 505.00, 502.00

Premium Full-Synthetic Passenger Car Engine Oil for European & North American Vehicles



Features/Benefits

- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Low-ash formulation to protect against diesel particulate filter plugging
- Excellent wear protection
- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Excellent low-temperature pumpability for protection during cold starts
- Good foam resistance

GT-1® Full Synthetic Euro Motor Oil

Typical Properties		
SAE Grade	5W-30	5W-40
Specific Gravity @ 60°F	0.856	0.856
Density, lbs/gal @ 60°F	7.12	7.12
Color, ASTM D1500	3.0	3.0
Flash Point (COC), °C (°F)	235 (455)	235 (455)
Pour Point, °C (°F)	-39 (-38)	-39 (-38)
Viscosity, Kinematic		
cSt @ 40°C	72.0	83.0
cSt @ 100°C	12.0	14.0
Viscosity Index	164	174
Cold Cranking Viscosity, cP @ -30°C	6,300	6,250
High-Temp/High-Shear Viscosity, cP @ 150°C	3.5	3.7
Sulfated Ash, ASTM D874, wt %	0.78	0.78
Total Base Number (TBN), ASTM D2896	7.3	7.3
Phosphorus, wt %	0.077	0.077
Zinc, wt %	0.084	0.084

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/EN/products/Pages/MSDS.aspx>.

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Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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