



## **GT-1® Full Synthetic Motor Oil (European Formula)**

Kendall® GT-1 Full Synthetic Motor Oil, SAE 5W-40, is a premium quality, full-synthetic engine oil designed primarily for use in high-performance European vehicles operating under severe driving or extreme-temperature conditions. It also will provide excellent engine protection in normal everyday service.

GT-1 Full Synthetic Motor Oil, SAE 5W-40, 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.

GT-1 Full Synthetic Motor Oil, SAE 5W-40, meets or exceeds a wide range of North American and European performance requirements.

### ***Applications***

- BMW, Mercedes-Benz, Porsche and Volkswagen automobiles, except TDI diesel engines with unit injectors and diesel engines equipped with diesel particulate filters (DPFs)
- Passenger cars, light trucks and sport utility vehicles, especially when operating under severe conditions

GT-1 Full Synthetic Motor Oil, SAE 5W-40, meets or exceeds the requirements of:

- API Service SM, CF
- ACEA A3/B3-04, A3/B4-04

GT-1 Full Synthetic Motor Oil, SAE 5W-40, is fully approved for service fill under the following OEM specifications:

- BMW Longlife-01 Oil
- Mercedes-Benz Sheet 229.5
- Porsche A40 (excludes Cayenne V6 for extended drain & Cayenne diesel)
- VW 505.00, 502.00

### ***Features/Benefits***

- Outstanding resistance to viscosity and thermal breakdown at high temperatures

**Premium  
Full Synthetic  
Passenger Car  
Engine Oil For  
European Vehicles**

Customer Service  
Number:  
**1-714-556-0808**

Email Address:  
[Anthony@  
Intraoil.com](mailto:Anthony@Intraoil.com)

- Protects against sludge and varnish formation
- 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 Motor Oil****Typical Properties**

<b>SAE Grade</b>	<b>5W-40</b>
Specific Gravity @ 60°F	0.851
Density, lbs/gal @ 60°F	7.09
Color, ASTM D1500	2.0
Flash Point (COC), °C (°F)	233 (451)
Pour Point, °C (°F)	-42 (-44)
Viscosity, Kinematic	
cSt @ 40°C	84.3
cSt @ 100°C	13.9
Viscosity Index	170
Cold Cranking Viscosity, cP @ -30°C	5.950
High-Temp/High-Shear Viscosity, cP @ 150°C	3.7
Sulfated Ash, ASTM D874, wt %	0.95
Total Base Number (TBN), ASTM D2896	9.2
Phosphorus, wt %	0.095
Zinc, wt %	0.104

**Health and Safety Information**

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

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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