



GT-1™ Full Synthetic Motor Oil

Kendall GT-1™ Full Synthetic Motor Oil is a premium quality full synthetic motor oil specially designed to provide the highest level of protection for today's high-performance automobiles operating under severe driving and/or extreme temperature conditions. It also will provide outstanding engine protection in normal everyday service. Compared with conventional all-mineral motor oils, this oil provides better thermal stability and oxidation resistance for improved protection against viscosity breakdown and deposit formation at high temperatures, lower volatility for reduced oil consumption, and superior low-temperature properties for better pumpability and easier starting at low ambient temperatures. It also exceeds U.S. and Japanese (JASO) requirements for valve train wear protection.

The SAE 5W-30 and 10W-30 viscosity grades are "Energy Conserving" for improved fuel economy and exceed new car warranty requirements as defined by ILSAC GF-4. In addition, they are specially formulated to help protect and extend the service life of vehicle emissions control systems.

Applications

GT-1™ Full Synthetic Motor Oil is recommended for use in passenger cars, vans, light trucks and sports utility vehicles operating under severe driving and/or high-temperature conditions, as well as in normal everyday service. The SAE 5W-30 and 10W-30 viscosity grades exceed new car warranty requirements as defined by ILSAC GF-4. The SAE 5W-40 viscosity grade is fully approved for service fill according to BMW, Mercedes-Benz 229.3, Porsche and VW 505.00/502.00 specifications.

GT-1™ Full Synthetic Motor Oils SAE 5W-30 and 10W-30 meet or exceed the requirements of:

- API Service SM, SL, CF
- Energy Conserving, ILSAC GF-4
- DaimlerChrysler MS-6395N, MS-6395L
- Ford WSS-M2C929-A (SAE 5W-30), WSS-M2C205-A (SAE 10W-30)
- GM 6094M

**Premium Full
Synthetic Motor Oil
For High-
Performance
Vehicles**

**Customer Service
Number:
1-800-368-7128**

**Technical
Hot line:
1-800-368-1267**

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

- API Service SL, SJ, CF
- ACEA A3, B3, B4
- BMW High Performance Synthetic Oil (U.S.A.), BMW Longlife Oil (outside U.S.A.)
- Mercedes-Benz Sheet 229.3
- Porsche Automobiles
- Volkswagen 505.00, 502.00, 500.00

Outstanding Features

- Exceeds ILSAC GF-4 requirements for new cars under warranty (SAE 5W-30, 10W-30)
- Friction-modified for improved fuel economy (SAE 5W-30, 10W-30)
- Formulated to help protect vehicle emissions control systems (SAE 5W-30, 10W-30)
- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Protects against engine sludge and varnish deposits
- Outstanding wear protection
- Excellent rust and bearing corrosion protection
- Outstanding low-temperature fluidity for easier cold starts
- Low volatility for low-evaporative losses and reduced oil consumption
- Good foam resistance

Due to continual product research and development, the information contained herein is subject to change without notification.

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GT-1™ Full Synthetic Motor Oil
Typical Properties

SAE GRADE	5W-40	5W-30	10W-30
Density, g/cm ³ @ 15.6°C (60°F)	0.846	0.853	0.854
Pounds per U.S. Gallon @ 15.6°C (60°F)	7.04	7.10	7.11
Color, ASTM D1500	2.0	3.0	3.0
Flash Point (COC), °C (°F)	232 (450)	235 (455)	232 (450)
Pour Point, °C (°F)	-46 (-51)	-36 (-33)	-30 (-22)
Viscosity,			
cSt @ 40°C	84.5	60.0	63.0
cSt @ 100°C	14.3	10.5	10.4
SUS @ 100°F	429	305	32.1
SUS @ 210°F	76.5	61.9	61.5
Viscosity Index	175	166	154
Cold Cranking Viscosity, cP	6,050	4,250	3,100
@ (°C)	(-30)	(-30)	(-25)
High Temp/High Shear Viscosity, cP @ 150°C	3.8	3.0	3.1
Sulfated Ash, ASTM D874, wt %	1.1	0.97	0.97
Total Base Number (TBN), ASTM D2896	10.1	7.8	7.8
Phosphorus, wt %	0.093	0.078	0.078

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