



GT-1™ High Performance Motor Oil

Kendall GT-1™ High Performance Motor Oil is a premium quality motor oil specially designed for use in gasoline engines operating under high temperature or severe driving conditions, as well as in competition engines and high-performance street engines. It is formulated to provide excellent resistance to viscosity and thermal breakdown at high temperatures and to minimize the formation of engine sludge and varnish deposits. It provides outstanding wear protection, including protection of turbocharger bearings in high-performance engines, and also protects against rust, bearing corrosion, and foaming.

Applications

GT-1™ High Performance Motor Oil is recommended for use in passenger cars, vans, light trucks and sports utility vehicles under all driving conditions, as well as in competition engines and high-performance street engines. The SAE 20W-50 and 50 viscosity grades are fortified to provide extra wear protection and foam resistance for use in racing applications. The SAE 70 viscosity grade is specially formulated for use in nitromethane-fueled drag racing vehicles. The SAE 30 and 40 viscosity grades are suitable for use in older vehicles where use of a single grade motor oil is recommended.

GT-1™ High Performance Motor Oil meets or exceeds the requirements of:

- API Service SM (SAE 10W-40)
- API Service SL, SJ (All except SAE 50 & Nitro 70)

Outstanding Features

- Excellent 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
- Low volatility for reduced oil consumption
- Excellent low-temperature pumpability for cold starts (multigrades)
- Good foam resistance
- Formulated for engines equipped with turbochargers

**Premium Motor Oil
For Passenger Cars,
Light Trucks And
Competition Engines**

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

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

**E-mail address:
*kendallmotoroil@
conocophillips.com***

www.kendallmotoroil.com

600 N. Dairy Ashford • 2W9000 • Houston, TX 77079

GT-1™ High Performance Motor Oil
Typical Properties

| SAE GRADE | 10W-40 | 20W-50 |
|--|---------------|---------------|
| Density, g/cm ³ @ 15.6°C (60°F) | 0.874 | 0.883 |
| Pounds per U.S. Gallon @ 15.6°C (60°F) | 7.28 | 7.35 |
| Color, ASTM D1500 | 3.0 | 3.5 |
| Flash Point (COC), °C (°F) | 227 (441) | 230 (446) |
| Pour Point, °C (°F) | -33 (-27) | -30 (-22) |
| Viscosity, | | |
| cSt @ 40°C | 109 | 175 |
| cSt @ 100°C | 15.6 | 18.6 |
| SUS @ 100°F | 559 | 913 |
| SUS @ 210°F | 81.9 | 94.9 |
| Viscosity Index | 152 | 120 |
| Cold Cranking Viscosity, cP | 6,650 | 9,100 |
| @ (°C) | (-25) | (-15) |
| High Temp/High Shear Viscosity, cP @ 150°C | 3.9 | 4.8 |
| Sulfated Ash, ASTM D874, wt % | 0.97 | 0.98 |
| Total Base Number (TBN), ASTM D2896 | 7.8 | 7.5 |
| Zinc, wt % | 0.086 | 0.113 |

| SAE GRADE | 30 | 40 | 50 | Nitro 70 |
|--|-----------|-----------|-----------|-----------------|
| Density, g/cm ³ @ 15.6°C (60°F) | 0.879 | 0.881 | 0.886 | 0.890 |
| Pounds per U.S. Gallon @ 15.6°C (60°F) | 7.32 | 7.34 | 7.38 | 7.41 |
| Color, ASTM D1500 | 3.5 | 3.5 | 4.0 | 4.0 |
| Flash Point (COC), °C (°F) | 250 (482) | 260 (500) | 270 (518) | 230 (446) |
| Pour Point, °C (°F) | -30 (-22) | -30 (-22) | -30 (-22) | -9 (16) |
| Viscosity, | | | | |
| cSt @ 40°C | 95 | 131 | 204 | 380 |
| cSt @ 100°C | 11.2 | 13.8 | 18.5 | 30.7 |
| SUS @ 100°F | 494 | 685 | 1,075 | 2,010 |
| SUS @ 210°F | 64.6 | 74.8 | 94.6 | 150 |
| Viscosity Index | 102 | 101 | 100 | 113 |
| High Temp/High Shear Viscosity, cP @ 150°C | 3.4 | 4.0 | 5.1 | 5.0 |
| Sulfated Ash, ASTM D874, wt % | 0.90 | 0.90 | 0.96 | 1.70 |
| Total Base Number (TBN), ASTM D2896 | 6.9 | 6.9 | 7.4 | 15 |
| Zinc, wt % | 0.104 | 0.104 | 0.111 | 0.249 |

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

© 2005 ConocoPhillips Company. Kendall and the Kendall logo are trademarks of ConocoPhillips Company or one of its subsidiaries.