



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:
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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.

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