



**YOU GET OUT
WHAT YOU
PUT IN.** 

GT-1® Endurance Motor Oil with LiquiTek®

Kendall® GT-1 Endurance Motor Oil with LiquiTek is a premium quality, part-synthetic automotive engine oil specially designed to provide excellent engine protection for both turbocharged gasoline direct injection, conventional gasoline-fueled and flex-fueled passenger cars and light trucks under all operating conditions. It also is recommended for use in lower-mileage vehicles, including new cars under warranty.

GT-1 Endurance Motor Oil with LiquiTek is formulated with a blend of synthetic and conventional base stocks. The part-synthetic formulation provides enhanced protection against viscosity breakdown and the formation of sludge and varnish compared with conventional engine oils. Our proprietary High Mileage chemistry provides a concentrated boost of engine protection. These performance benefits help to maximize engine performance and extend engine life in high-mileage vehicles, while also providing excellent engine protection in newer vehicles. Our LiquiTek additive package provides increased engine protection by providing increased engine cleanliness and reduced wear. These performance benefits help to maximize engine performance and extend engine life in high-mileage vehicles, while also providing excellent engine protection in newer vehicles.

GT-1 Endurance Motor Oil with LiquiTek (except SAE 10W-40) meets new car warranty requirements as defined by ILSAC GF-6A. It is uniquely formulated to help combat low speed pre-ignition (LSPI) in turbocharged gasoline direct injection engines. It meets or exceeds "Resource Conserving" requirements for fuel economy improvement, emission system and turbocharger protection, and protection of engines operating on ethanol-containing fuels up to E85. It is backward serviceable for use where API SN or earlier "S" category engine oils are recommended.

Applications

- Turbocharged gasoline direct-injection, conventional gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions.

GT-1 Endurance Motor Oil with LiquiTek is licensed for:

- ILSAC GF-6A (SAE 5W-20, 5W-30, 10W-30)
- API Service SP, SN PLUS with Resource Conserving (SAE 5W-20, 5W-30, 10W-30)
- API Service SP, SN PLUS (SAE 10W-40)

GT-1 Endurance Motor Oil with LiquiTek meets or exceeds the requirements of:

- Chrysler MS-6395 (Rev. T) (except SAE 10W-40)
- Ford WSS-M2C960-A1 (SAE 5W-20), WSS-M2C961-A1 (SAE 5W-30)
- GM6094M (obsolete specification)

**Synthetic Blend
Passenger Car
Engine Oil for
High Mileage
Vehicles;
Formulated with
High Mileage
Chemistry and
LiquiTek**



Features/Benefits

- Meets ILSAC GF-6A requirements for new cars under warranty (except SAE 10W-40)
- Part-synthetic formulation provides enhanced protection against deposit formation and oil thickening, compared with conventional engine oils
- Proprietary High Mileage Booster provides tailored engine protection to high mileage vehicles
- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Excellent low-temperature pumpability for protection during cold starts
- Highly resistant to foaming
- Helps maximize engine performance and minimize exhaust smoke
- Formulated to protect turbochargers and emissions control system catalysts
- Formulated for use in vehicles operating on ethanol-containing fuels up to E85

GT-1® Endurance Motor Oil with LiquiTek®

Typical Properties				
SAE Grade	5W-20	5W-30	10W-30	10W-40
Specific Gravity @ 60°F	0.862	0.862	0.866	0.869
Density, lbs/gal @ 60°F	7.19	7.17	7.22	7.25
Color, ASTM D1500	3.0	3.0	3.0	3.0
Flash Point (COC), °C (°F)	218 (424)	216 (421)	229 (444)	227 (440)
Pour Point, °C (°F)	-30 (-22)	-30 (-22)	-30 (-22)	-30 (-22)
Viscosity, Kinematic				
cSt @ 40°C	51.3	68.0	65.1	112
cSt @ 100°C	8.8	11.2	10.4	16.0
Viscosity Index	152	159	148	153
Cold Cranking Viscosity, cP	5,600	6,000	4,900	6,100
@ (°C)	(-30)	(-30)	(-25)	(-25)
High-Temp/High-Shear Viscosity, cP @ 150°C	2.6	3.1	3.0	4.1
Sulfated Ash, ASTM D874, wt %	0.9	0.9	0.9	0.9
Total Base Number (TBN), ASTM D2896	7.7	7.7	7.7	7.7
Phosphorus, wt %	0.077	0.077	0.077	0.077
Zinc, wt %	0.085	0.085	0.085	0.085

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/SDS>.

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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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