



GT-1® High Mileage Synthetic Blend Motor Oil with Liquid Titanium®

Kendall® GT-1 High Mileage Synthetic Blend Motor Oil with Liquid Titanium is a premium quality, part-synthetic engine oil specially designed for use in gasoline-fueled vehicles with more than 75,000 miles. It also may be used in lower-mileage vehicles and new cars under warranty.

GT-1 High Mileage with Liquid Titanium is formulated with a blend of synthetic and conventional base stocks, a proprietary seal conditioner, and a performance additive package fortified with our exclusive Liquid Titanium additive technology for extra protection against engine wear. The part-synthetic formulation provides enhanced protection against viscosity breakdown and the formation of sludge and varnish compared with conventional engine oils. Our proprietary SealMax® seal conditioner helps recondition and revitalize engine seals, thereby helping to reduce oil consumption, minimize driveway leaks and reduce exhaust smoke. The Liquid Titanium additive enhancement provides increased engine protection by forming a strongly bonded titanium shield on the surface of critical engine parts, which reduces friction and wear and helps extend engine life. These performance features help to maximize engine performance and extend engine life in high-mileage vehicles, while also providing excellent protection in newer vehicles.

GT-1 High Mileage with Liquid Titanium (except SAE 10W-40) meets new car warranty requirements as defined by ILSAC GF-4. It is "Energy Conserving" for improved fuel economy and is formulated to protect emissions control system catalysts.

Applications

- Gasoline-fueled passenger cars, light trucks and sport utility vehicles, especially those with more than 75,000 miles

GT-1 High Mileage with Liquid Titanium meets or exceeds the requirements of:

- API Service SM, SL, SJ
- Energy Conserving, ILSAC GF-4 (except SAE 10W-40)
- Chrysler MS-6395Q (except SAE 10W-40)
- Ford WSS-M2C930-A (SAE 5W-20), WSS-M2C929-A (SAE 5W-30), WSS-M2C205-A (SAE 10W-30)
- GM6094M (except SAE 10W-40)

**Synthetic Blend
Passenger Car
Engine Oil For
High-Mileage
Vehicles;
Formulated with
SealMax® and
Liquid Titanium®**

Customer Service
Number:
1-714-556-0808

Email Address:
Anthony@
Intraoil.com

Features/Benefits

- Exclusive Liquid Titanium® additive technology for extra protection against engine wear
- Proprietary SealMax® seal conditioner helps recondition and revitalize engine seals to reduce oil consumption and leaks
- Part-synthetic formulation for enhanced protection against deposit formation and oil thickening, compared with conventional engine oils
- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Excellent low-temperature pumpability for protection during cold starts
- Helps maximize engine performance and minimize exhaust smoke
- Highly resistant to foaming
- Meets ILSAC GF-4 requirements for new cars under warranty (except SAE 10W-40)

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Typical Properties

| SAE Grade | 5W-20 | 5W-30 | 10W-30 | 10W-40 |
|--|-------------|-------------|-------------|-------------|
| Specific Gravity @ 60°F | 0.862 | 0.862 | 0.870 | 0.870 |
| Density, lbs/gal @ 60°F | 7.18 | 7.18 | 7.24 | 7.25 |
| Color, ASTM D1500 | 3.5 | 3.0 | 3.0 | 3.0 |
| Flash Point (COC), °C (°F) | 223 (433) | 210 (410) | 224 (435) | 218 (424) |
| Pour Point, °C (°F) | <-45 (<-49) | <-40 (<-40) | <-37 (<-35) | <-34 (<-29) |
| Viscosity, Kinematic | | | | |
| cSt @ 40°C | 49.0 | 66.0 | 70.0 | 104 |
| cSt @ 100°C | 8.4 | 10.8 | 10.8 | 15.5 |
| Viscosity Index | 150 | 160 | 144 | 155 |
| Cold Cranking Viscosity, cP | 5,300 | 6,200 | 6,300 | 6,100 |
| @ (°C) | (-30) | (-30) | (-25) | (-25) |
| High-Temp/High-Shear Viscosity, cP @ 150°C | 2.6 | 3.0 | 3.0 | 4.3 |
| Sulfated Ash, ASTM D874, wt % | 0.94 | 0.94 | 0.94 | 0.94 |
| Total Base Number (TBN), ASTM D2896 | 7.8 | 7.8 | 7.8 | 7.8 |
| Phosphorus, wt % | 0.077 | 0.077 | 0.077 | 0.077 |
| Titanium, wt % | 0.010 | 0.010 | 0.010 | 0.010 |
| Zinc, wt % | 0.085 | 0.085 | 0.085 | 0.085 |

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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