



## **GT-1® Full Synthetic Motor Oil with Liquid Titanium®**

Kendall® GT-1 Full Synthetic Motor Oil with Liquid Titanium is a premium quality, full-synthetic engine oil designed to provide maximum protection for passenger cars and light trucks operating at extreme temperatures or under severe driving conditions, such as towing heavy loads. It also will provide excellent engine protection in normal everyday service.

GT-1 Full Synthetic with Liquid Titanium is formulated with synthetic base stocks and a performance additive package fortified with our exclusive Liquid Titanium additive technology for extra protection against engine wear. The synthetic base stocks provide enhanced performance benefits compared with conventional engine oils. These benefits include improved protection against viscosity breakdown and deposit formation at high temperatures; lower volatility for reduced oil consumption; and faster oil circulation at low temperatures for easier starting and better protection during cold starts. 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.

GT-1 Full Synthetic with Liquid Titanium exceeds 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***

- Passenger cars, light trucks and sport utility vehicles, especially when operating under severe conditions
- Gasoline-electric hybrids where the OEM specifies SAE 0W-20 or 5W-20 oil

GT-1 Full Synthetic with Liquid Titanium meets or exceeds the requirements of:

- API Service SM, SL, CF (SM, SL only for SAE 0W-20)
- Energy Conserving, ILSAC GF-4
- Chrysler MS-6395Q (SAE 5W-20, 5W-30, 10W-30)
- Ford WSS-M2C930-A (SAE 5W-20), WSS-M2C929-A (SAE 5W-30), WSS-M2C205-A (SAE 10W-30)
- GM6094M (SAE 5W-20, 5W-30, 10W-30)

**Premium  
Full-Synthetic  
Passenger Car  
Engine Oil; Fortified  
with Liquid  
Titanium®**

U.S. Customer  
Service:

**1-800-368-7128**

Technical Hot Line:

**1-877-445-9198**

International  
Customer Service:

**1-832-486-3363**

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### Features/Benefits

- Exclusive Liquid Titanium® additive technology for extra protection against engine wear
- Full-synthetic formulation for enhanced performance benefits compared with conventional engine oils
- Friction-modified for improved fuel economy
- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Excellent low-temperature pumpability for protection during cold starts
- Formulated to protect emissions control system catalysts
- Highly resistant to foaming
- Exceeds ILSAC GF-4 requirements for new cars under warranty

### GT-1® Full Synthetic Motor Oil with Liquid Titanium®

#### Typical Properties

SAE Grade	0W-20	5W-20	5W-30	10W-30
Specific Gravity @ 60°F	0.851	0.852	0.852	0.854
Density, lbs/gal @ 60°F	7.09	7.09	7.10	7.11
Color, ASTM D1500	3.0	3.0	3.0	3.0
Flash Point (COC), °C (°F)	229 (444)	229 (444)	235 (455)	232 (450)
Pour Point, °C (°F)	<-45 (<-49)	<-45 (<-49)	<-45 (<-49)	<-45 (<-49)
Viscosity, Kinematic				
cSt @ 40°C	47.2	45.9	60.0	63.0
cSt @ 100°C	8.7	8.3	10.5	10.4
Viscosity Index				
	168	159	166	154
Cold Cranking Viscosity, cP				
@ (°C)	(-35)	(-30)	(-30)	(-25)
High Temp/High Shear Viscosity, cP @ 150°C				
	2.7	2.7	3.0	3.1
Sulfated Ash, ASTM D874, wt %				
	0.97	0.97	0.97	0.97
Total Base Number (TBN), ASTM D2896				
	8.1	8.1	8.1	8.1
Phosphorus, wt %				
	0.077	0.077	0.077	0.077
Titanium, wt %				
	0.010	0.010	0.010	0.010
Zinc, wt %				
	0.086	0.086	0.086	0.086

### 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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