



**THE
GOOD
STUFF**

GT-1® dexos1™ Full Synthetic Motor Oil

Kendall® GT-1 dexos1 Full Synthetic Motor Oils are premium quality automotive engine oils specially designed to meet the performance requirements of the GM dexos1 Gen2 specification for gasoline-fueled GM vehicles. They also exceed ILSAC GF-5 warranty requirements for use in other vehicles.

GT-1 dexos1 Full Synthetic Motor Oils are formulated to reduce the occurrence of low speed preignition, provide wear protection, to minimize sludge and varnish formation, protect against turbo charger deposits and to resist viscosity and thermal breakdown, even in severe service. They also protect against bearing corrosion and is highly resistant to aeration and foaming. They meet stricter performance requirements than ILSAC GF-5 quality oils, resulting in improved engine life and performance. The full-synthetic formulation provides enhanced performance benefits at extreme temperatures compared with conventional engine oils.

GT-1 dexos1 Full Synthetic Motor Oils are fully licensed to dexos1 Gen2 for service fill in all GM vehicles. They also exceed new car warranty requirements for other vehicles as defined by ILSAC GF-5. They meet or exceed "Resource Conserving" requirements for fuel economy improvement, emission system and turbocharger protection, and protection of engines operating on ethanol-containing fuels up to E85. They are backward serviceable for use where API SM or earlier "S" category engine oils are recommended.

Applications

- GM vehicles where a dexos Gen2 oil is specified
- Gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles
- 4-stroke cycle gasoline engines in other mobile or stationary equipment

GT-1 Dexos1 is licensed or OEM-certified for:

- ILSAC GF-5
- API Service SN with Resource Conserving
- GM dexos Gen2

GT-1 Dexos1 meets or exceeds the requirements of:

- Chrysler MS-6395
- Ford WSS-M2C946-A
- GM4718M, GM6094M (obsolete specifications)
- Honda HTO-06

**Full Synthetic
Premium
Passenger Car
Engine Oil;
Approved for GM
dexos1™Gen2**



Features/Benefits

- Exceeds ILSAC GF-5 requirements for new cars under warranty
- Reduces the occurrence of low speed preignition
- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Excellent low-temperature pumpability for protection during cold starts
- Protects against sludge and varnish formation
- Protects against turbocharger deposits
- Protects against rust and bearing corrosion
- Low volatility for reduced oil consumption
- Highly resistant to aeration and foaming
- Formulated to protect turbochargers and emission control system catalysts
- Formulated for use in vehicles operating on ethanol-containing fuels up to E85

GT-1® dexos1™ Full Synthetic Motor Oil

Typical Properties		
SAE Grade	0W-20	5W-30
Specific Gravity @ 60oF	0.846	0.851
Density, lbs/gal @ 60oF	7.04	7.08
Color, ASTM D1500	3.0	3.0
Flash Point (COC), °C (°F)	226 (438)	220 (428)
Pour Point, °C (°F)	-40 (-40)	-40 (-40)
Viscosity, Kinematic		
cSt @ 40°C	45	64
cSt @ 100°C	8.5	11.0
Viscosity Index	169	165
Cold Cranking Viscosity, cP	5700	5000
@ (°C)	(-35)	(-30)
High Temp/High Shear Viscosity, cP @ 150°C	2.7	3.2
Sulfated Ash, ASTM D874, wt %	0.9	0.9
Total Base Number (TBN), ASTM D2896	8.7	8.7
Phosphorus, wt %	0.77	0.077
Zinc, wt %	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/EN/products/Pages/MSDS.aspx>.

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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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