



## GT-1<sup>®</sup> Dexos1<sup>®</sup> Full Synthetic Motor Oil

Kendall<sup>®</sup> GT-1 Dexos1 Full Synthetic Motor Oil is a premium quality automotive engine oil specially designed to meet the performance requirements of the GM dexos1 specification for gasoline-fueled GM vehicles. It also exceeds ILSAC GF-5 warranty requirements for use in other vehicles.

GT-1 Dexos1 Full Synthetic Motor Oil is formulated to provide excellent wear protection, to minimize sludge and varnish formation, and to resist viscosity and thermal breakdown, even in severe service. It also protects against bearing corrosion and is highly resistant to aeration and foaming. It meets stricter performance requirements than ILSAC GF-5 quality oils, resulting in improved engine life and performance.

GT-1 Dexos1 Full Synthetic Motor Oil is fully licensed to dexos1 for service fill in 2011 and later GM vehicles, and is backward serviceable for pre-2011 gasoline-fueled GM vehicles. It also exceeds new car warranty requirements for other vehicles as defined by ILSAC GF-5. 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 SM or earlier "S" category engine oils are recommended.

### Applications

- GM vehicles where a dexos1 oil is specified
- Gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles
- Four-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 dexos1

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<sup>®</sup>**





## Features/Benefits

- Exceeds ILSAC GF-5 requirements for new cars under warranty
- 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
- 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 @ 60°F	0.846	0.852
Density, lbs/gal @ 60°F	7.05	7.10
Color, ASTM D1500	3.0	3.0
Flash Point (COC), °C (°F)	230 (446)	220 (428)
Pour Point, °C (°F)	-45 (-49)	-42 (-44)
Viscosity, Kinematic		
cSt @ 40°C	45.2	63
cSt @ 100°C	8.5	11.1
Viscosity Index	168	167
Cold Cranking Viscosity, cP	5900	4,850
@ (°C)	(-35)	(-30)
High-Temp/High-Shear Viscosity, cP @ 150°C	2.6	3.1
Sulfated Ash, ASTM D874, wt %	0.92	0.92
Total Base Number (TBN), ASTM D2896	7.9	7.9
Phosphorus, wt %	0.077	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 Material Safety Data Sheet via <http://3apps.phillips66.com/NetMSDS>.

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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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