



Full Synthetic dexos[®] Motor Oil



Mighty Engine Guard[®] dexos[®]1 Gen3 is a premium quality high detergent Full Synthetic motor oil. Engine Guard[®] is specially formulated to provide a high viscosity index, utilizing a select additive package that provides outstanding protection against wear, rust, corrosion, oxidative thickening, acid formation, sludge and varnish deposits. Continuous use of Engine Guard dexos[®]1 Gen3 Full Synthetic motor oil will help increase sludge protection, minimize start-up wear, reduce oil consumption, and reduce the likelihood of low speed pre-ignition. Meets or exceeds dexos1[™] Gen 3 specifications for worldwide requirements for all GM automotive gasoline engines currently in use requiring the viscosity grades that call for this specification.








Features and Benefits

- ✓ Outstanding resistance to viscosity and thermal breakdown at high temperatures
- ✓ Excellent low-temperature pumpability for protection during cold starts
- ✓ Low volatility for reduced oil consumption
- ✓ Formulated to protect turbochargers and emission control system catalysts
- ✓ Formulated for use in vehicles operating on ethanol-containing fuels up to E85
- ✓ Reduces the occurrence of Low Speed Pre-Ignition (LSPi)



Industry/OEM Specifications and Licenses

Available Package Sizes

					
Viscosity	Quarts	Bag N' Box	Drums	Totes	Bulk
0W/20	✓	✓	✓	✓	*
5W/30	✓	✓	✓	✓	*

EG Full Synthetic dexos Motor Oil

Typical Properties

Viscosity Grade	0W/20	5W/30
Specific Gravity @ 60oF	0.846	0.852
Density, lbs/gal @60oF	7.05	7.09
Boron, wt. %	0.02	0.02
Calcium, wt. %	0.099	0.099
Color, ASTM D1500	3.0	3.0
Flash Point, °C (°F)	230 (446)	235 (455)
Magnesium, wt. %	0.059	0.059
Molybdenum, wt. %	0.0079	0.0079
Nitrogen, wt. %	0.087	0.087
Pour Point, °C (°F)	-45 (-49)	-40 (-40)
Phosphorus, wt. %	0.077	0.077
Viscosity, Kinematic		
cSt @ 40°C	45.2	63
cSt @ 100°C	8.5	11.1
Viscosity Index	168	167
Cold Cranking Viscosity, cP		
@ (°C)	(135)	(-30)
High Temp/High Shear Viscosity, cP @ 150°C	2.6	3.0
Sulfur, wt %	0.3	0.3
Sulfated Ash, ASTM D874, wt %	0.92	0.92
Total Base Number (TBN), ASTM D2896	7.9	8.6
Zinc, wt %	0.085	0.085

Industry/OEM Approvals

Title	0W/20	5W/30
ILSAC GF-6A	Approved	Approved
API SP with Resource Conserving	Approved	Approved
General Motors dexos1 GEN 3**	Approved	Approved
Chrysler MS-6395	Meets Requirements	Meets Requirements
Ford WSS-M2C947-A	Meets Requirements	Meets Requirements

*Check for availability.

** GM dexos license numbers provided upon request