

Superior Chemistry. Superior Performance.

# MAG1<sup>®</sup>



# FMX<sup>®</sup> FRICTION MODIFIED FOR EXTENDED WEAR PROTECTION

# FULL SYNTHETIC MOTOR OIL

Available from Warren Distribution, Inc.  
727 South 13th Street | Omaha, Nebraska 68102 | U.S.A.  
800-825-1235 | 402-341-9397 | Fax: 402-977-5881 | [www.mag1.com](http://www.mag1.com)

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# FULL SYNTHETIC MOTOR OILS



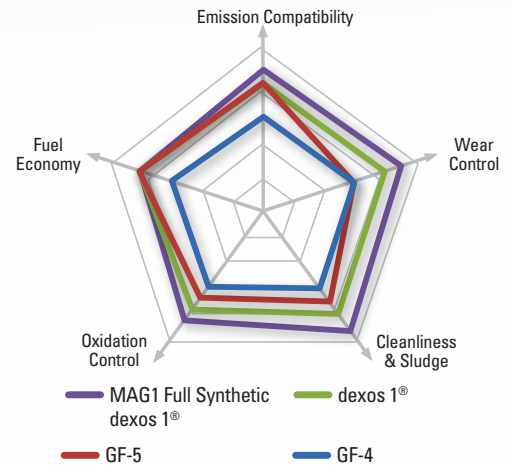
MAG 1 dexos1® Full Synthetic Motor Oil is a state of the art, advanced technology, synthetic motor oil which provides a high level of engine protection, even under the most severe operating conditions. The 100% synthetic base oils in MAG 1 provide exceptional resistance to high temperature oxidation thickening. Sophisticated additives prevent sludge formation commonly caused by moisture and combustion by-products. Exceptionally high viscosity indices minimize cold weather oil thickening, which greatly reduces battery drain and engine wear, even at subzero start ups.

- Formulated to prevent engine wear. Even in the most severe industry tests MAG 1 dexos1® exceeds performance limits
- Keeps pistons cleaner minimizing oil consumption and maintaining power and compression performance
- Significantly outperforms the industry requirement, reducing engine sludge to near zero
- Excellent resistance to cold start wear
- Emission conserving protecting the car's catalyst system to help protect the environment

Meets or exceeds GM dexos1® specifications for world wide warranty requirements for all GM automotive gasoline engines currently in use. dexos1® supercedes GM 6094M and GM 4718M.

## Typical Physical Properties of MAG 1 Full Synthetic dexos1® Motor Oils

Method	Typical Results			
	0W-20	5W-20	5W-30	
<b>Viscosity Grade</b>				
Gravity, °API	ASTM D287	35.07	34.54	34.15
Specific Gravity @ 60°F	ASTM D4052	0.8495	0.8522	0.8542
Viscosity @ 100°C cSt	ASTM D445	8.517	8.835	10.93
Viscosity @ 40°C cSt	ASTM D445	46.47	50.93	63.95
Viscosity Index	ASTM D2270	163	153	163
NOACK Volatility, % loss	ASTM D6375	11.6	10.9	10.5
Pour Point °C (°F)	ASTM D5950	-48°C (-54°F)	-45°C (-49°F)	-45°C (-49°F)
Cold Cranking Simulator cP at Temperature (°C)	ASTM D5293	6025 (-35)	5226 (-30)	5100 (-30)
High Temp High Shear Visc @ 150°C, cP	ASTM D5481	2.63	2.75	3.2
Zinc wt. %	ASTM D5185	0.08	0.085	0.085
Phosphorous wt. %	ASTM D5185	0.073	0.079	0.079
Calcium wt. %	ASTM D5185	0.227	0.214	0.214
Claims: Approved for use		API SN/ILSAC GF-5	API SN/ILSAC GF-5	API SN/ILSAC GF-5



Fluid Type	Stock #/Order #	Each UPC	Case UPC	Case Dimensions	Case Cube/ Pallet Cube	Case Weight/ Pallet Weight	Pallet Stack
Full Synthetic dexos1® SAE 0W-20 - 6/1 Qt. (946mL)	61794 / MG02FLPL	0 71621-61794 6	0 71621-61795 3	L 9.500 x W 7.625 x H 9.625	.403 / 77.778	12.150 / 2040.400	168 Cases (7 layers of 24)
Full Synthetic dexos1® SAE 0W-20 - 3/5 Qt. (4.73 L)	65828 / MG0D023Q	0 71621-65828 4	0 71621-65831 4	L 14.250 x W 8.500 x H 13.120	.919 / 65.220	30.040 / 1682.190	56 Cases (4 Layers of 14)
Full Synthetic dexos1® SAE 5W-20 - 6/1 Qt. (946mL)	61792 / MG52FLPL	0 71621-61792 2	0 71621-61793 9	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.293 / 1696.415	138 Cases (6 layers of 23)
Full Synthetic dexos1® SAE 5W-20 - 3/5 Qt. (4.73 L)	64192 / MG0D523Q	0 71621-64192 7	0 71621-64196 5	L 14.250 x W 8.500 x H 13.120	.919 / 65.220	30.030 / 1681.560	56 Cases (4 Layers of 14)
Full Synthetic dexos1® SAE 5W-30 - 6/1 Qt. (946mL)	61790 / MG53FLPL	0 71621-61790 8	0 71621-61791 5	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.293 / 1696.415	138 Cases (6 layers of 23)
Full Synthetic dexos1® SAE 5W-30 - 3/5 Qt. (4.73 L)	64193 / MG0D533Q	0 71621-64193 4	0 71621-64197 2	L 14.250 x W 8.500 x H 13.120	.919 / 65.220	30.180 / 1690.170	56 Cases (4 Layers of 14)

MAG 1 motor oils are also available in 55 gallon drums

