

Superior Chemistry. Superior Performance.



EUROPEAN MOTOR OILS



Typical Physical Properties of MAG 1 Euro Motor Oils

Method	Typical Results	
	5W-40 Euro	C-3 5W-30
Viscosity Grade		
Specific Gravity @ 60°F	ASTM D4052 0.8507	0.8517
Flash °C (°F)	ASTM D92 222 (432)	208 (406)
Viscosity @ 100°C cSt	ASTM D445 12.95	12.02
Viscosity @ 40°C cSt	ASTM D445 76.77	70.01
Viscosity Index	ASTM D2270 170	170
NOACK Volatility, % loss	ASTM D5800 10.0	
Pour Point °C (°F)	ASTM D5950 -45 (-49)	-45 (-49)
Cold Cranking Simulator cP at Temperature (°C)	ASTM D5293 5266 (-30)	5627 (-30)
High Temp High Shear Visc @ 150°C, cP	ASTM D4683 3.7	3.56
Zinc ppm	ASTM D5185 1020	
Phosphorous ppm	ASTM D5185 920	
Calcium ppm	ASTM D5185 2600	
Claims: Approved for use	API SM	API SF
Claims: Meets requirements for use	ACEA A3/B3-08 A3/B4-08 MB p229#3 / p229#5 BMW LL-01 VW501 01/502 00/505 00 OPEL GM-LL-B-025 Renault 0710 / 0700 Porsche A40	API CF Chrysler MS-6395 ACEA C3-08 ACEA A3/B3-08 A3/B4-08 MB p229#31 / p229#51 BMW LL-04 VW 502 00 / 505 00

MAG 1 Full Synthetic European Car Engine Oil is specially formulated for the lubrication needs of modern European gasoline and diesel cars and light trucks. Benefits include:

- Formulated with advanced synthetic base stocks, premium anti-wear additives for virtually all European automobiles, especially turbo-charged models.
- Provides outstanding protection in high RPM, hot running engines.
- Specially designed to prevent sludge and varnish deposits for reduced oil consumption, extended engine life and maximum overall performance resulting in a clean engine.
- Designed for newer vehicle emission control systems.
- Meets industry and vehicle manufacturer requirements for long life protection of gasoline vehicle catalytic converters.

Fluid Type	Stock #/Order #	Each UPC	Case UPC	Case Dimensions	Case Cube/ Pallet Cube	Case Weight/ Pallet Weight	Pallet Stack
Full Synthetic SAE 5W-40 Euro - 6/1 Qt (946mL)	62836 / MG0654PL	0 71621-62836 2	0 71621-62837 9	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	11.876 / 1700.550	138 Cases (6 layers of 23)
Full Synthetic SAE 5W-40 Euro - 3/4 Liter	62838 / MG06544L	0 71621-62838 6	0 71621-62839 3	L 8.063 x W 13.625 x H 12.063	.766 / 59.166	23.795 / 1299.073	39 Cases (4 layers of 13)
Full Synthetic C-3 5W-30 - 6/1 Qt (946mL)	63278 / MG53C3PL	0 7162- 63278 9	0 71621-63279 6	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.371 / 1707.176	138 Cases (6 layers of 23)
Full Synthetic C-3 5W-30 - 3/4 Liter	63280 / MG53C34L	0 71621-61792 2	0 71621-61793 9	L 8.063 x W 13.625 x H 12.063	.766 / 59.166	25.636 / 1333.095	39 Cases (4 layers of 13)

