

Superior Chemistry. Superior Performance.



SYNTHETIC BLEND MOTOR OIL

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MAG 1 Synthetic Blend Motor Oils formulated with FMX offer superior oxidation stability, extra protection against heavy load conditions, additional high temperature protection, and better cold weather properties than conventional motor oils. This combination provides increased protection for tough driving conditions that put extra stress and demands on your engine.

- Advanced synthetic blend offers better anti-oxidancy, sludge control and TBN retention
- For everyday use
- Exceeds protection requirements of all major OEMs where API SN oils are recommended
- Compatible with leading conventional and synthetic motor oils
- Formulated with a new ZDDP additive for extended wear performance



Honda/Chrysler/Toyota
Ford WSS-M2C945-A



Leading OEM
Viscosity Grade



High Mileage



High Mileage

Typical Physical Properties of MAG 1 Synthetic Blend Motor Oils

	Method	Typical Results			
		5W-20	5W-30	10W-30	10W-40
Viscosity Grade					
Specific Gravity @ 60°F	ASTM D4052	0.8614	0.8608	0.8713	0.8706
Flash °C (°F)	ASTM D92	206 (403)	204 (399)	204 (399)	204 (399)
Viscosity @ 100°C cSt	ASTM D445	8.55	10.6	10.4	15.38
Viscosity @ 40°C cSt	ASTM D445	49.68	63.05	66.68	107
Viscosity Index	ASTM D2270	150	158	138	104
NOACK Volatility, % loss	ASTM D5800	14.2	14.3	12.0	11.7
Pour Point °C (°F)	ASTM D5950	-46 (-51)	-45 (-49)	-41 (-42)	-39 (-38)
Cold Cranking Simulator cP at Temperature (°C)	ASTM D5293	5858 (-30)	6129 (-30)	6445 (-25)	6668 (-25)
High Temp High Shear Visc @ 150°C, cP	ASTM D4683	2.72	3.12	3.11	4.09
Zinc ppm	ASTM D5185	850	850	850	850
Phosphorous ppm	ASTM D5185	770	770	770	770
Calcium ppm	ASTM D5185	2140	2140	2140	2140

Fluid Type	Stock #/Order #	Each UPC	Case UPC	Case Dimensions	Case Cube/ Pallet Cube	Case Weight/ Pallet Weight	Pallet Stack
Synthetic Blend SAE 5W-20 6/1 Qt. (946mL)	300 / MG52SBPL	0 71621-61664 2	0 71621-61665 9	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.340 / 1702.966	138 Cases (6 layers of 23)
Synthetic Blend SAE 5W-20 55 Gal. (208L)	60401 / MG52SN55	0 71621-60401 4	N/A	L 23.000 x W 23.000 x H 35.000	10.714 / 44.444	428.817 / 1715.269	4 Drums
Synthetic Blend SAE 5W-30 6/1 Qt. (946mL)	701 / MG53SYPL	0 71621-61666 6	0 71621-61667 3	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.363 / 1706.069	138 Cases (6 layers of 23)
Synthetic Blend SAE 5W-30 55 Gal. (208L)	60181 / MG53SN55	0 71621-60181 5	N/A	L 23.000 x W 23.000 x H 35.000	10.714 / 44.444	428.817 / 1715.269	4 Drums
Synthetic Blend SAE 10W-30 6/1 Qt. (946mL)	509 / MG13SNPL	0 71621-61660 4	0 71621-61661 1	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.310 / 1698.828	138 Cases (6 layers of 23)
Synthetic Blend SAE 10W-40 6/1 Qt. (946mL)	603 / MG14SNPL	0 71621-61662 8	0 71621-61663 5	L 9.500 x W 7.625 x H 9.625	.403 / 69.722	12.450 / 1718.137	138 Cases (6 layers of 23)
Synthetic Blend SAE 10W-40 55 Gal. (208L)	603 / MG14SH55	0 71621-00618 4	N/A	L 23.000 x W 23.000 x H 35.000	10.714 / 44.444	428.817 / 1715.269	4 Drums

MAG 1 motor oils are also available in 55 gallon drums

