



MAGNA TM SYNERGY-X

MAGNA TM SYNERGY-X – is a next generation advance performance ULTIMATE full synthetic engine oil with PAO and Group III base stocks blended with full/mid SAPS additives designed exclusively for the highest level of performance in all passenger cars equipped with gasoline, diesel engines and turbo charged units operating in very extreme conditions.

Applications

MAGNA SYNERGY-X is a high performance multi grade engine oil formulated from SHC & hydro crack synthetic base stocks blended with the most advanced Full SAPS additives technology providing an astounding unmatched performance in extreme usage conditions.

MAGNA SYNERGY-X oil offers the ultimate in performance for exceeding the latest performance standards of leading motor manufacturers and the demands of next generation technology engine incorporating reduced fuel consumption, lowers smoke and sound pollution/emissions.

Gives the most complete/ultimate protection of engines even under the most extreme operating temperature and conditions.

Features & Benefits

- Excellent low temp. pumpability preventing dry run at cold starts and at high temperatures provides stable protective oil film to reduce metal to metal contact.
- Extra ingredients to reduce friction for max power output & help extend drain intervals.
- Reduced emissions and fuel consumption.
- Extremely high resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation along with excellent high resistance to foaming.
- Excellent wear protection against rust & corrosion.
- Low volatility for reduced oil consumption
- Specially formulated for vehicles equipped with diesel particulate filters (DPFs) and catalytic converters needing Mid-SAPS oils

Specifications: Meets: API SN

- ACEA C2/C3
- ACEA A3/B3/B4-12
- BMW LL-01
- MB 229.5
- VW 502.00 / 505.00
- ILSAC GF-5
- Porsche A-40 (5W40)
- Renault RN0700-RN0710 (5W40)



Typical Characteristics

SYNERGY-X	SAE	5W-30	5W-40	10W-30
API Grades		SN	SN	SN
Density @ 15°C Kg/m³		853	855	853
Kinematic viscosity, 40°C cSt		80	92.1	83
Kinematic viscosity, 100°C cSt		12.2	14.3	11.8
Viscosity Index		158	168	166
Flash point, COC, °C		224	230	232
Pour point, °C, Max		-39	-36	-39
Density, lbs/gal @ 60°F		7.1	7.14	7.11
Color, ASTM D1500		3	3	3
Cold Cranking Viscosity, cP		5600	5700	5200
@ (°C)		(-30)	(-31)	(-25)
High-Temp/High-Shear Viscosity, cP @ 150°C		3.6	3.7	3.4
Sulfated Ash, ASTM D874, wt %		1.1	1.1	1.1
Total Base Number (TBN), ASTM D2896		7.5	9	7.5
Phosphorus, wt %		0.0958	0.0958	0.0958
Zinc, wt %		0.1051	0.1051	0.1050

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.

