SYNTHETIC BLEND PASSENGER CAR MOTOR OILS

Performance Plus® Synthetic Blend Passenger Car Motor Oils are formulated using high-quality KLEEN+ base oils and state-of-the art performance additive packages. Our proprietary formula is engineered to meet and designed to exceed the latest demands of gasoline and propane engines in passenger cars and light duty trucks and exceed the latest ILSAC GF-7 and API SQ requirements. Additionally, they are backwards compatible with previous industry standards (API SP/ILSAC GF-6). Performance and Protection are the foundation of all Performance Plus products which is why they are designed to keep engines clean by fighting sludge; provide oxidation control; and protect engines against low-speed pre-ignition (LSPI) in turbo-charged gasoline direct injection engines (TGDI).

PERFORMANCE PLUS PROPERTIES			
SAE Viscosity Grade	5W-20	5W-30	10W-30
API Service Category	SQ	SQ	SQ
ILSAC Specification	GF-7A	GF-7A	GF-7A
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	 50.51 8.74	 64.33 10.77	 69.92 10.70
Viscosity Index	152	159	142
CCS Viscosity cP @ -30°C cP @ -25°C	 5,060 ---	 5,660 ---	 --- 5,400
MRV Viscosity cP @ -30°C cP @ -35°C	 --- 15,000	 --- 16,700	 15,300 ---
TBN	8.0	7.7	7.7
Evaporative Loss, NOACK, wt%	10.7	9.6	6.8
Specific Gravity 15.6°C (60°F)	0.8555	0.8559	0.8599
Flash Point, °C (°F)	236 (457)	234 (453)	242 (468)
Pour Point, °C (°F)	-42 (-44)	-42 (-44)	-39 (-38)
Sulfated Ash, wt%	0.72	0.72	0.72
Color (ASTM)	3.5	3.5	3.5

Note: Values shown above are representative of current production and may vary within modest ranges

Approvals and Specifications

Performance Plus® Synthetic Blend Passenger Car Motor Oils have been formally approved to meet or are suitable for use where the following specifications are required:

API SQ Resource Conserving	ILSAC GF-7A
API SP Resource Conserving	
Ford WSS-M2C970-A1 (5W-20)	
Ford WSS-M2C971-A1 (5W-30)	
Chrysler MS-6395	

Since Performance Plus Synthetic Blend Passenger Car Motor Oils meet the latest stringent requirements of leading automobile manufacturers, they are suitable for the following OEMs (where applicable*):

Ford	Toyota
Lincoln	Lexus
Mazda	Kia
Jaguar	Hyundai
Nissan	Chrysler
Infiniti	Dodge
Mitsubishi	Honda
Jeep	Subaru
Acura	

*Information regarding recommended maintenance and equipment operating conditions can be found by referencing Original Equipment Manufacturer's (OEM) owner's manual and recommended lubricant grades.

All company, product and service names inclusive of product and brand names are property of their respective owners and for identification purpose only. Whilst some products may carry the respective approvals, visuals are not intended to serve as a recommendation or endorsement.

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Features and Benefits: Today's engines and drivers demand advanced protection and low-speed, and Performance Plus Synthetic Blend Passenger Car Motor Oils are designed to surpass expectations. Tested, proven, and trusted quality are why those demanding the best turn to Performance Plus. In addition to performance and protection, Performance Plus Synthetic Blend Passenger Car Motor Oils:

Protects against low-speed pre-ignition (LSPI)	Protecting engine components from damage
Formulated with additives to improve Cleanliness	Controlling sludge build up in the engine
Improved Wear Protection	Providing valve train and chain protection
Advanced Oxidation Resistance	Increasing viscosity and high temp control
Improved Fuel Economy	Delivering better fuel economy and retention

Proven and Trusted: The foundation of all Performance Plus products is the tested, high-quality, and trusted base oil which exceeds the performance of many of the major oil refiners. Our finished lubricants start at a higher level than the competition due to our formulated blend of high-quality base oils and additives.

BASE OIL COMPARISONS		Philipps 66	Motiva	Chevron	Mobil	KLEEN+	
BASE OIL CATEGORY		GROUP II	GROUP II	GROUP II	GROUP II+	GROUP II+	
VISCOSITY (CST @100°F)	(ASTM D445)	6.6	6.5	6.4	6.6	6.9	HIGHER VISCOSITY
VISCOSITY INDEX	(ASTM D2278)	100	104	104	109	117	HIGHER VI
COLD CRANK (-20°C)	(ASTM D5931)	2800	3100	2800	3100	2650	SUPERIOR COLD TEMP
NOACK VOLATILITY (%)	(ASTM D5800)	12	11	10	10	6	LOWER VOLATILITY

Health and Safety: Information detailing health and safety can be found in the corresponding Safety Data Sheet on the Performance Plus website. Performance Plus products contain petroleum distillates and are not likely to pose any significant health or safety hazards. Gloves should be used to avoid any contact - should there be contact with skin, washing with soap and water is advised. If ingested, call a poison center or doctor - do not induce vomiting.

Storage: Performance Plus products should not be stored where the temperatures are above 140° F (60° C) or near sparks and flames. Products should be stored under cover and away from the reach of children. In case where drums cannot be under cover, they should be laid horizontally to avoid any potential contaminants.

Disposal: All efforts should be made to protect the environment. Please properly dispose of used motor oil and lubricants. Should you need any assistance please contact your sales representative for information on how Safety-Kleen's used motor oil collection services.

For additional questions, please contact your Performance Plus® Products Sales Representative.

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