



PERFORMANCE PLUS OILS AND LUBRICANTS
PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



AUTOMOTIVE ENGINE | AUTOMOTIVE DRIVELINE | HEAVY DUTY ENGINE | HEAVY DUTY DRIVELINE | HYDRAULIC | GEAR OILS | GREASES | INDUSTRIAL LUBRICANTS | ANTIFREEZE

SYNTHETIC BLEND HIGH MILEAGE PASSENGER CAR MOTOR OILS

Performance Plus® Synthetic Blend High Mileage Passenger Car Motor Oils are formulated using high-quality Group II+ base oils and specific performance additives designed to help stop leaks and reduce oil consumption by conditioning seals and gaskets while reducing sludge and damaging deposits. This proprietary formula is specially engineered for vehicles with over 75,000 miles and to meet or exceed the latest demands of turbocharged gasoline and propane engines in passenger cars and light duty trucks. Additionally, they meet or exceed the latest ILSAC GF-6 and API SP Resource Conserving requirements and are backwards compatible with previous industry standards (SN PLUS and SN). Performance and Protection are the foundation of all Performance Plus products which is why they are designed to keep engines clean 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	SP	SP	SP
ILSAC Specification	GF-6A	GF-6A	GF-6A
Kinematic Viscosity			
cSt @ 40°C	51.5	69.0	67.3
cSt @ 100°C	8.9	11.4	10.5
Viscosity Index	153	159	143
CCS Viscosity			
cP @ -30°C	5,300	6,000	-
cP @ -25°C	-	-	5,300
MRV Viscosity			
cP @ -30°C	-	-	17,000
cP @ -35°C	16,000	23,000	-
TBN	7.0	7.0	7.0
Evaporative Loss, NOACK, wt%	< 15	< 15	< 15
Specific Gravity 15.6°C (60°F)	0.850	0.857	0.857
Flash Point, °C (°F)	204 (399)	204 (399)	206 (403)
Pour Point, °C (°F)	-36 (-33)	-39 (-38)	-42 (-44)
Sulfated Ash, wt%	0.8	0.8	0.8
Color (ASTM)	3.0	3.0	3.0

Approvals and Specifications

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

API SP Resource Conserving	ILSAC GF-6A
API SN PLUS	ILSAC GF-5
Ford WSS-M2C-945-B1 (5W-20)*	
Ford WSS-M2C-946-B1 (5W-30)*	
General Motors 6094M*	

Since Performance Plus Synthetic Blend High Mileage 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
General Motors	Hyundai
Chevrolet	Nissan
Dodge	Infiniti
Jeep	Honda
Chrysler	Acura
Buick	Volvo
Subaru	Mitsubishi
Land Rover	Jaguar

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

**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.

Rev.9/19



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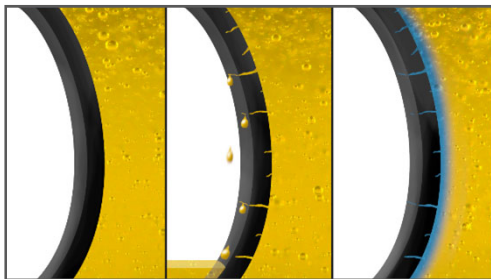
Features and Benefits: Performance Plus Synthetic Blend High Mileage Passenger Car Motor Oils are designed for performance and protection to meet the demands of older vehicles and those with higher miles. Tested, proven, and trusted quality are why those demanding the best turn to Performance Plus and why Performance Plus Synthetic Blend High Mileage products offer:

Protects against low speed pre-ignition (LSPI)
Formulated with seal conditioning agents
Designed to reduce sludge and deposits
Additives to prevent thermal breakdown
Additives to improve Cleanliness

Protecting pistons from excessive wear
Reducing leaks and lowering oil usage
Maximizing performance, power and protection
Performing at high speeds
Protecting from sludge between drain intervals

Proven and Trusted: The foundation of all Performance Plus products is the tested, proven 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		
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



Performance Plus® Synthetic Blend High Mileage Passenger Car Motor Oils are blended with a special additive package designed for older vehicles or those with high miles. These additives cause a chemical reaction with the elastomeric seals and gaskets to cause a slight swell to improve protection and aid in the sealing of leaks all the while continuing to provide sludge and deposit control.

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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