



**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 PASSENGER CAR MOTOR OILS

**Performance Plus® Synthetic Blend Passenger Car Motor Oils** are formulated using state-of-the art performance additives packages and high-quality Group II+ base oils. This proprietary formula is engineered to meet or exceed the latest demands of gasoline and propane engines in passenger cars and light duty trucks. Additionally, they are designed to meet or exceed the latest ILSAC GF-5 and API SN PLUS requirements and are backwards compatible with previous industry standards (SN and SM). 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	SN PLUS	SN PLUS	SN PLUS
ILSAC Specification	GF-5	GF-5	GF-5
Kinematic Viscosity			
cSt @ 40°C	50.4	64.5	65.0
cSt @ 100°C	8.7	10.7	10.2
Viscosity Index	151	157	144
CCS Viscosity			
cP @ -30°C	5,300	5,400	-
cP @ -25°C	-	-	5,100
MRV Viscosity			
cP @ -30°C	-	-	15,000
cP @ -35°C	16,000	21,000	-
TBN	7.3	7.3	7.3
Evaporative Loss, NOACK, wt%	< 15	< 15	< 15
Specific Gravity 15.6°C (60°F)	0.869	0.858	0.862
Flash Point, °C (°F)	204 (399)	204 (399)	206 (403)
Pour Point, °C (°F)	-36 (-33)	-39 (-38)	-42 (-44)
Sulfated Ash, wt%	0.92	0.92	0.92
Color (ASTM)	3.0	3.0	3.0

### Approvals and Specifications

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

API SN PLUS Resource Conserving ILSAC GF-5  
API SN PLUS ILSAC GF-4  
Ford WSS-M2C-945-B1 (5W-20)\*  
Ford WSS-M2C-946-B1 (5W-30)\*  
General Motors 6094M\*

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
General Motors	Hyundai
Chevrolet	Nissan
Cadillac	Infiniti
Buick	Honda
Dodge	Acura
Jeep	Volvo
Chrysler	Subaru
Volkswagen	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.

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**Features and Benefits:** Today's engines and drivers demand advanced protection and performance 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 offer:

- Protects against low speed pre-ignition (LSPI)
- Additives to improve Cleanliness
- Provides protection against sludge and deposits
- High temperature stability
- Enhances cold engine start flow

- Protecting pistons from damage
- Controlling sludge build up in the engine
- Maximizing performance, power and protection
- Performing at high speeds
- Prolonging engine life

**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		Phillipps 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

**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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