



**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

## FULL SYNTHETIC PASSENGER CAR MOTOR OILS

**Performance Plus® Full Synthetic Passenger Car Motor Oils** are engineered using high-quality premium base oils and state-of-the-art performance additives. This proprietary formula is formulated to meet or exceed the latest demands of turbocharged, high powered, high-efficiency gasoline and propane engines in passenger cars and light duty trucks. 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), they also meet the requirements to be categorized as API Resource Conserving. Additionally, they are formulated for Performance and Protection as they keep engines clean by fighting sludge and protect engines against low-speed pre-ignition (LSPI) in turbo-charged gasoline direct injection engines (TGDI) all the while providing oxidation control to extend the time between drain intervals.

PERFORMANCE PLUS PROPERTIES			
SAE Viscosity Grade	0W-20	5W-20	5W-30
API Service Category	SN PLUS	SN PLUS	SN PLUS
ILSAC Specification	GF-5	GF-5	GF-5
Kinematic Viscosity			
cSt @ 40°C	45.9	46.5	62.1
cSt @ 100°C	8.6	8.5	10.9
Viscosity Index	168	162	169
CCS Viscosity			
cP @ -30°C	5,400	-	-
cP @ -25°C	-	3,600	4,000
MRV Viscosity			
cP @ -30°C	17,000	-	-
cP @ -35°C	-	10,000	13,000
TBN	7.3	7.3	7.3
Evaporative Loss, NOACK, wt%	< 15	< 15	< 15
Specific Gravity 15.6°C (60°F)	0.845	0.846	0.847
Flash Point, °C (°F)	204 (399)	204 (399)	204 (399)
Pour Point, °C (°F)	-48 (-54)	-48 (-54)	-45 (-49)
Sulfated Ash, wt%	0.92	0.92	0.92
Color (ASTM)	3.0	3.0	3.0

### Approvals and Specifications

Performance Plus® Full Synthetic 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  
 API SN Resource Conserving API SN  
 Ford WSS-M2C-945-B1 (5W-20)\*  
 Ford WSS-M2C-946-B1 (5W-30)\*  
 Ford WSS-M2C-947-B1 (0W-20)\*  
 General Motors 6094M\*

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

Ford	Toyota
Lexus	Kia
Lincoln	Hyundai
Mazda	Nissan
General Motors	Infiniti
Chevrolet	Honda
Buick	Acura
Dodge	Volvo
Jeep	Subaru
Chrysler	Land Rover

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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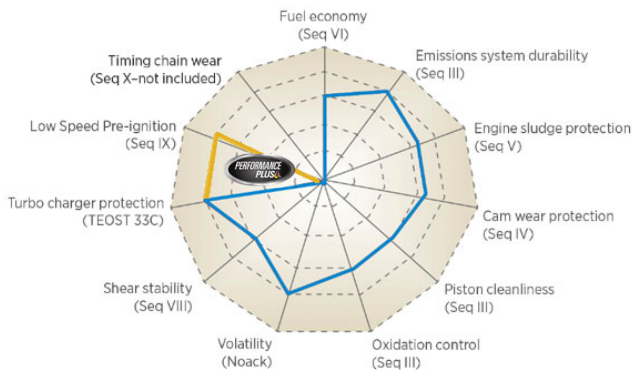
**Features and Benefits:** Performance Plus Full Synthetic Blend Passenger Car Motor Oils are designed to exceed the performance and protection demands of today’s engines and drivers. Proven and trusted by those who expect the best, Performance Plus Full Synthetic Passenger Car Motor Oils are designed to deliver performance and superior protection in harsh environments. In addition to performance and protection, Performance Plus Full Synthetic Passenger Car Motor Oils offer:

- Protects against low speed pre-ignition (LSPI)
- Formulated reduce sludge and contaminant formation
- Includes additives to be thermally stable
- Enhanced lubrication properties
- Contains additives for exceptional cleanliness

- Extending the life of the engine
- Maximizing engine efficiency and performance
- Maintains performance at high temperature and speeds
- Improving fuel economy
- Protecting the engine from contamination and sludge

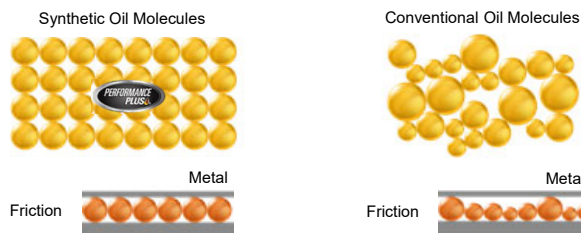
**Proven and Trusted:** The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Not all engine oils are created equal and our finished lubricants start at a higher level than the competition due to our formulated blend of high quality base oils and additives.

### API SN Plus v. API SN



Performance Plus® Full Synthetic Passenger Car Motor Oils help reduce/mitigate Low-Speed Pre-Ignition (LSPI), improve protection against high temperature deposits for pistons all the while continuing to provide sludge control and seal compatibility as well as compatibility with previous specifications.

### Synthetic v. Conventional



Performance Plus® Full Synthetic Passenger Car Motor Oils deliver superior lubrication to vital components faster and more efficiently v. formulas formulated using mineral base oils. The improved results include:

Enhanced Performance  
Extended Intervals  
Advanced Fuel Economy  
Quicker Start-ups  
Fewer Emissions

Enhanced Protection  
All-Weather Protection  
Improved thickening resistance  
Cleaner Oil  
Cleans deposits and sludge

**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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