



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 HEAVY DUTY SAE 50 TRANSMISSION FLUID

Performance Plus® Full Synthetic Heavy Duty SAE 50 Transmission Fluid is engineered to meet some of the most demanding protection, extended drain, and OEM performance requirements. Designed for use where non-EP gear oils are specified, it is recommended for light to severe-duty on- and off-highway equipment operating year-round in a wide range of environments due to its ability to extend equipment operating life and provide outstanding protection. Additionally, it meets or exceeds the latest API Service Category MT-1 requirements. Performance and Protection are the foundation of all Performance Plus products which is why they are designed to perform in extreme conditions and provide both outstanding wear protection and excellent oxidation stability.

PERFORMANCE PLUS PROPERTIES	
SAE Grade	50
API Service Category	MT-1
Kinematic Viscosity cSt @ 40°C	128.1
cSt @ 100°C	18.7
Viscosity Index	165
Brookfield Viscosity cP @ -40°C	120,000
API Gravity	32.5
Specific Gravity 15.6°C (60°F)	0.8628
Flash Point, °C (°F)	225 (437)
Pour Point, °C (°F)	-42 (-44)
Color (ASTM)	L 2.0

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

Approvals and Specifications

Performance Plus® Full Synthetic Heavy Duty 50W Transmission Fluid is recommended to meet and often exceed the following stringent OEM requirements:

API MT-1, GL-4
 Mack TO-A Plus, m-Drive
 Eaton Roadranger PS-164 Rev-7
 International Truck TMS-6816
 ZF Driveline FreedomLine
 Volvo 97305, 97307, 97315, 97318, 97319
 Volvo I-Shift
 Meritor O-81

Since Performance Plus Full Synthetic Heavy Duty 50W Transmission Fluid meet and can exceed the latest stringent OEM requirements they are also suitable for use in the following brands where the above specifications are called for:

Caterpillar	Buick
Mori Seiki	Crown
Freightliner	Kenworth
Navistar	Peterbilt
Ford	Meritor
Renault	Hyundai
John Deere	Toyota
Mitsubishi	Komatsu
General Motors	JASO
Mercedes-Benz	MAN

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

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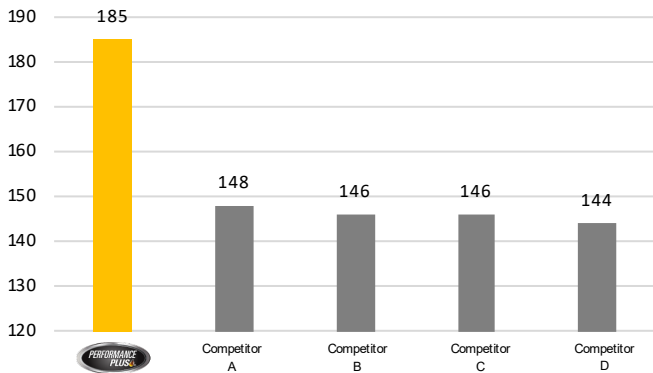
Features and Benefits: Today's trucks and fleets demand outstanding protection and superior performance and Performance Plus Full Synthetic Heavy Duty 50W Transmission Fluid is designed for just that - performance and protection. Tested, proven, and trusted quality are why those demanding the best turn to Performance Plus. In addition to performance and protection, Performance Plus Full Synthetic Heavy Duty 50W Transmission Fluid offers:

- Enhanced frictional properties to reduce wear
- Exceptional load carrying and anti-wear properties
- Resists the formation of sludge and deposits
- Formulated for shear stability and viscosity retention
- Superior low temperature performance

- Smoothing gear shifting and reducing shudder
- Extending the life of the transmission
- Protecting the engine between drain intervals
- Performing under the most severe conditions
- Protecting components during critical wear conditions

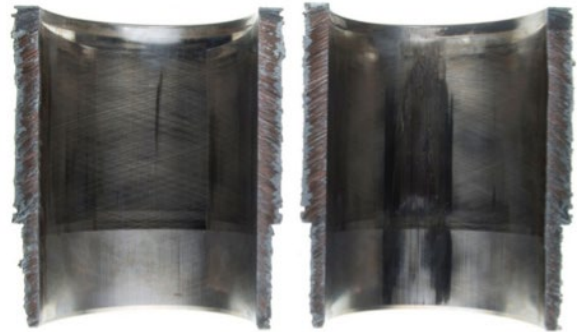
Proven and Trusted: The foundation of all Performance Plus products is the tested, proven and trusted base oil which exceeds the performance of many of the major oil refiners. Our finished lubricants start at a higher level than the competition due to our formulated blend of high-quality base oils and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

Viscosity Index



Performance Plus® has a superior Viscosity Index, enhancing performance over a wider temperature range than the leading competitors, protecting transmissions from wear at extreme high and low temperature environments.

Wear and Temperature



The image on the right shows damage from wear, and the image on the left show the protection provided by Performance Plus.

The greatest amount of wear occurs at low temperature start-up, Performance Plus® is formulated to protect critical transmission components in these conditions to greatly extend the life of your transmission.

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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