



**PERFORMANCE PLUS ANTIFREEZE/COOLANTS**  
 PERFORMANCE UNDER THE MOST EXTREME CONDITIONS



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

**LD EXTENDED LIFE OAT (Yellow)**  
**50/50 PRE-DILUTED ANTRIFREEZE/COOLANT**

**Performance Plus® LD Extend Life OAT (Yellow)** antifreeze/coolant is formulated to provide protection against damaging rust and corrosion in domestic and foreign passenger cars and light-duty trucks requiring an OAT (organic acid technology) type antifreeze/coolant. Perfect as a universal top-off and service coolant and it is dyed pale yellow to maintain the original color of the antifreeze in a vehicle during top-off scenarios. Does not contain Nitrite, Amine, Phosphate, or Silicate (NAPS-Free). Safe for all common elastomers used in hoses and gaskets. A combination of many organic acids provides multi-metal corrosion protection, especially for aluminum. Multiple scale inhibitors/dispersants. LD Extended Life OAT (yellow) has extended life corrosion inhibitors based on organic acids and provides maximum protection. This Coolant is suitable for use in late model passenger cars and auto/ light-duty trucks.

**PERFORMANCE PLUS PROPERTIES**

Relative Density 60°F (15.5°C)	1.065 to 1.095
Freeze Point, °F (°C)	-34. F / -37 C
Boiling Point, °F (°C)	226.4 F /108 C
Ash Content, mass %	< 2.5
pH	8.2 to 8.8
Chloride, ppm	< 25
Effect on Automotive Finish	No Effect
Service Interval: Heavy Duty Trucks	5 yrs. / 150,000 miles (240K km)
Color	Yellow
Bittering Agent, ppm	30 to 50

**Approvals and Specifications**

Performance Plus LD Extended Life OAT (Yellow) meets the physical, chemical, and performance requirements of ASTM D3306.

LD Extended Life OAT (Yellow) is suitable for European, Asian, and American automobiles which require an OAT Coolant (where applicable)\*.

- |                |               |
|----------------|---------------|
| Ford           | Chevrolet     |
| General Motors | Cadillac      |
| Chrysler       | GMC           |
| Dodge          | Buick         |
| Jeep           | Fiat          |
| Kia            | Lincoln       |
| Hyundai        | Mazda         |
| Toyota         | Honda         |
| Lexus          | Acura         |
| Nissan         | Volvo         |
| Infiniti       | Subaru        |
| Mitsubishi     | Land Rover    |
| Audi           | Mercedes-Benz |
| Volkswagen     | BMW           |
| Jaguar         | Mini          |

**Ready to use product: Do not add water.**

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) coolant recommendations.

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**Features and Benefits:** Performance Plus Antifreeze/Coolants deliver the protection and performance demanded by today’s passenger cars and light duty trucks. Tested, proven, and trusted quality are why those demanding the best, turn to Performance Plus. Additionally, Performance Plus LD Extended Life OAT antifreeze/Coolant offers the following benefits:

Suitable for various applications  
 Formulated to be versatile  
 Heat transfer and anti-scaling properties  
 Superior properties  
 Multi-alloy protection formulation

Universal top-off and service coolant for domestic and foreign vehicles  
 Compatible with controlled atmosphere brazed (CAB) aluminum radiators  
 Preventing hard water mineral build-up  
 Free of nitrite, amine, phosphate, silicate,  
 Protecting against corrosion of aluminum, brass, cast iron, copper, solder, and steel

**Proven and Trusted:** The foundation of all Performance Plus products is the tested, proven and trusted quality. This focus on quality is why hundreds of thousands of vehicle and stationary engine owners/operators across North America trust Performance Plus to protect their engine cooling systems.

PERFORMANCE PLUS PROPERTIES	SPECIFICATIONS	PERFORMANCE
<b>ASTM D1384 Corrosion in Glassware: Weight Loss (mg/specimen)</b>		
Copper   Brass   Steel   Cast Iron	10 max (EA)	Pass
Solder   Aluminum	30 max (EA)	Pass
<b>ASTM D2570 Simulated Service Test: Weight Loss (mg/specimen)</b>		
Copper   Brass   Steel   Cast Iron	20 max (EA)	Pass
Solder   Aluminum	60 max (EA)	Pass
<b>ASTM D 4340 Corrosion of Cast Aluminum Alloys at Heat Rejecting Surfaces</b>		
mg/cm <sup>2</sup> /week	1.0 max	Pass
<b>ASTM D 1881 Foaming</b>		
Volume, mL	150 max	Pass
Break Time, seconds	5 max	Pass
<b>ASTM D2809 Cavitation Corrosion of Aluminum Pumps - Rating</b>		
	8 min	Pass

**Health and Safety:** Information detailing health and safety associated with using the product can be found in the corresponding Safety Data Sheet (SDS) on the Performance Plus website. Ethylene glycol-based antifreeze is toxic and must not be used to winterize potable water systems.

**Storage:** Product is stable for at least 5 years when stored in original container at ambient temperature. Agitate before use.

**Disposal:** All efforts should be made to protect the environment. Waste antifreeze should never be disposed of by dumping onto the ground, or into a septic system or storm sewer. Should you need any assistance with disposal, please contact your sales representative for information on Safety-Kleen’s waste antifreeze collection services.

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

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