

Gasoline Additives

AMSOIL UPPER CYLINDER LUBRICANT CORROSION INHIBITOR

Product Code: UCLCN-EA

Protect your engine from wear and corrosion, boost fuel economy, and keep injectors clean with every fill-up using this advanced additive.



Product Description

AMSOIL Upper Cylinder Lubricant Corrosion Inhibitor delivers targeted lubrication to the parts of your engine that motor oil barely reaches, while fighting the corrosion and deposit buildup that today's ethanol-blended fuels leave behind. It is a simple, every-fill-up additive designed for gasoline-powered cars and trucks that need protection beyond what pump gas alone provides.

The area above the top piston ring is one of the harshest environments inside your engine. The oil-control ring does its job keeping oil in the crankcase, but that means the upper cylinder walls, piston rings, and fuel injectors operate with minimal lubrication under extreme heat. Add ethanol-blended gasoline to the equation, and you are also dealing with moisture attraction and accelerated corrosion of metal fuel-system components. Over thousands of miles, this combination quietly erodes compression, reduces fuel economy, and shortens component life.

REDUCES UPPER CYLINDER AND FUEL SYSTEM WEAR

The top of each cylinder sees intense combustion temperatures with very little oil film to protect it. AMSOIL Upper Cylinder Lubricant introduces lubricity improvers directly into the fuel stream, coating piston rings, cylinder walls, and fuel injector internals with a protective layer that reduces metal-to-metal contact. In modified ASTM D6079 lubricity testing, AMSOIL Upper Cylinder Lubricant produced an average wear scar of just 640 μm , compared to 786 μm for Lucas Upper Cylinder Lubricant and 803 μm for Sea Foam Motor Treatment. That translates to 18 percent more lubricity than Lucas and 20 percent more than Sea Foam, directly contributing to better retention of compression, horsepower, and fuel economy.

FIGHTS ETHANOL-RELATED CORROSION

Most gasoline sold today contains ethanol, typically E10, which attracts and holds moisture. That moisture accelerates corrosion throughout the fuel system, from the tank and fuel lines to the injectors and upper cylinder surfaces. AMSOIL Upper Cylinder Lubricant uses potent corrosion inhibitors that coat metal surfaces and block moisture from initiating oxidation. This is especially valuable for vehicles that sit between drives, where condensation inside the fuel system has time to do real damage. Trucks, seasonal vehicles, and daily drivers running E10 or E85 all benefit from consistent corrosion protection at every fill-up.

HELPS MAINTAIN INJECTOR CLEANLINESS

Fuel injector deposits restrict spray patterns, reduce fuel atomization, and rob your engine of power and efficiency. AMSOIL Upper Cylinder Lubricant contains detergent additives formulated to maintain injector and combustion chamber cleanliness on an ongoing basis. It is designed to work as a maintenance additive between treatments of AMSOIL P.i. Performance Improver, which targets and removes existing stubborn deposits. Using Upper Cylinder Lubricant with every tank keeps injectors functioning properly and preserves the performance gains achieved after a P.i. treatment.

CAPLESS FUEL SYSTEM COMPATIBLE

Many newer cars and trucks from Ford, GM, Chrysler, and other manufacturers have switched to capless fuel filler necks. Standard additive bottles with threaded caps often cannot open the internal flap or get stuck inside the fuel neck. The AMSOIL Upper Cylinder Lubricant bottle is specifically designed to work with capless systems. It inserts smoothly, pours cleanly, and removes without hassle.

COMPATIBILITY AND USAGE

AMSOIL Upper Cylinder Lubricant is safe for use with catalytic converters, oxygen sensors, oxygenated gasoline, and E85 fuel. It is formulated for gasoline engines only and should not be used in two-stroke or diesel applications. One 6 oz. bottle treats up to 25 gallons of fuel. For larger tanks, use two bottles. Do not exceed two bottles per fill-up.

RECOMMENDED USE

For best results, add one full bottle to your fuel tank at every fill-up. Add the product before filling the tank so it mixes thoroughly with the incoming fuel. Do not refill the tank until it is nearly empty to get the full benefit of each treated tank.

Frequently Asked Questions

Q1: What vehicles and engines is AMSOIL Upper Cylinder Lubricant Corrosion Inhibitor designed for?

AMSOIL Upper Cylinder Lubricant Corrosion Inhibitor is designed for use with gasoline-powered cars and trucks. It is compatible with a wide range of applications including auto/light truck, motorcycle, ATV, UTV, snowmobile, marine outboard, PWC, heavy-duty on-road, heavy-duty off-road, and agriculture equipment. However, it should not be used with two-stroke or diesel engines.

Q2: How does AMSOIL Upper Cylinder Lubricant protect the top end of my engine?

The intense heat of combustion and limitations of the oil-control piston ring leave the top of each cylinder without adequate lubrication. AMSOIL Upper Cylinder Lubricant provides that missing lubrication with unique additives that fight piston-ring and cylinder wear, helping maximize engine compression and horsepower. Its lubricity improvers also protect fuel injectors and other fuel-system components from wear, helping ensure long-term performance and component life.

Q3: What lubricity test data does AMSOIL Upper Cylinder Lubricant have compared to competitors?

Based on independent testing conducted on 02/13/2019 using the ASTM D6079 test method modified for use with gasoline, AMSOIL Upper Cylinder Lubricant delivers 18 percent more lubricity than Lucas Upper Cylinder Lubricant and 20 percent more lubricity than Sea Foam Motor Treatment. This superior lubricity translates to better retention of horsepower and fuel economy.

Q4: How does AMSOIL Upper Cylinder Lubricant compare to Lucas and Sea Foam fuel additives?

AMSOIL Upper Cylinder Lubricant outperforms both Lucas Upper Cylinder Lubricant and Sea Foam Motor Treatment in independent lubricity testing using the ASTM D6079 method modified for gasoline. It delivered 18 percent more lubricity than Lucas and 20 percent more than Sea Foam. Beyond lubrication, AMSOIL Upper Cylinder Lubricant also features potent corrosion inhibitors to fight ethanol-related corrosion and detergent additives to maintain injector cleanliness.

Q5: How often should I use AMSOIL Upper Cylinder Lubricant and how much do I add?

For best results, AMSOIL recommends using Upper Cylinder Lubricant with every tank of fuel. Add one entire 6 oz. bottle to the tank at fill-up, which treats up to 25 gallons of gasoline. For large gas tanks, use two bottles, but using more than two bottles is not recommended. Do not refill the tank until it is almost empty before adding the product at fill-up.

Q6: Is AMSOIL Upper Cylinder Lubricant safe for catalytic converters, E85 fuel, and capless fuel systems?

Yes, AMSOIL Upper Cylinder Lubricant is safe for use with catalytic converters, oxygenated gasoline, and E85 fuel. It is also specifically designed with capless-compatible packaging, making it easy to insert, pour, and remove the bottle from modern capless fuel systems that can cause problems with standard bottle designs. It should not be used with two-stroke or diesel engines.

Available Product Codes

Product Code	Package Size	Unit of Measure
UCLCN-EA	6 oz. Bottle	Each

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UCLCN-CA

Bottle

Case of 12

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