

Cleaners & Protectants

AMSOIL HEAVY-DUTY METAL PROTECTOR

Product Code: AMHSC-EA

Shield metal surfaces from rust and corrosion with a durable, water-repellent coating that lasts for years, even in harsh conditions.



Product Description

AMSOIL Heavy-Duty Metal Protector delivers serious, long-lasting corrosion defense for any exposed metal surface, from truck undercarriages to farm equipment to backyard tools. It sprays on as a liquid, displaces water on contact, and dries to a tough, amber, wax-like film that can last up to several years depending on the application and environment.

Rust and corrosion don't wait. Salt spray from winter roads eats through vehicle frames and trailer components. Moisture creeps into battery terminals, tailgate hinges, and spare tire carriers. Mower decks, snowblower housings, skid-steer attachments, and metal gates sit exposed to humidity and rain for months at a time. Standard penetrating sprays evaporate quickly and leave little behind. What you actually need is a coating that stays put and keeps working long after you've moved on to the next job.

DISPLACES WATER AND SEALS OUT MOISTURE

Most corrosion starts with trapped water. AMSOIL Heavy-Duty Metal Protector actively displaces water from metal surfaces on contact, then cures into a protective barrier that seals equipment against future water intrusion. This makes it especially effective on boat trailer grounds, battery terminals, and any connection point where moisture causes electrical resistance or surface oxidation.

PROVEN SALT SPRAY CORROSION PROTECTION

AMSOIL tested this product by treating aluminum and steel pieces on their lower halves, then placing them in a 5 percent saltwater bath for one hour per day, removing them, and allowing them to dry for 23 hours. This cycle was repeated for 10 consecutive days, simulating the kind of salt exposure vehicles and equipment face on winter roadways. The treated portions showed no signs of corrosion. The untreated portions corroded visibly. That 5 percent salt concentration is comparable to the brine solutions used on roads during winter, which makes this a practical real-world test for anyone looking for a reliable truck undercoating spray or anti-corrosion treatment for snow plows and salt-exposed equipment.

DRIES TO A DURABLE, WAX-LIKE COATING

Unlike penetrating oils that stay wet and attract dirt, Heavy-Duty Metal Protector dries to a firm, amber film. It does not wash off easily and does not wear away with casual contact. For best results, allow two hours of drying time and a full 12-hour cure. Once set, the coating provides a physical barrier against salt, humidity, and chemical corrosion on steel, iron, aluminum, brass, copper, and other metal surfaces.

SPRAYS INTO HARD-TO-REACH PLACES

The aerosol format with an included extension straw lets you reach inside frame rails, boxed sections, door hinges, and tight crevices that brushes and rollers can't access. This is what makes it practical as a DIY automotive undercoating, trailer frame protector, or corrosion preventive for enclosed structural members. Apply in a uniform, even manner for consistent coverage.

BROAD APPLICATION RANGE

This is not a single-purpose product. It works as an undercoat for trucks, trailers, and SUVs. It protects snow plow frames, mower decks and blades, snowblower components, farm machinery, forklifts, metal fences, and gates. Handheld tools stored in damp garages or sheds benefit from a quick coat before seasonal storage. If it's metal and it's exposed, this product belongs on it.

COMPATIBILITY AND USAGE NOTES

AMSOIL Heavy-Duty Metal Protector is compatible with steel, iron, aluminum, brass, copper, and other common metal surfaces. Shake well before use and clean the target area prior to application. Use AMSOIL Heavy-Duty Degreaser to remove any overspray. Available in 15 oz. spray cans. Not available in Canada.

Frequently Asked Questions

Q1: What equipment and metals can I use AMSOIL Heavy-Duty Metal Protector on?

AMSOIL Heavy-Duty Metal Protector (AMHSC) is ideal for steel, iron, aluminum, brass, copper, and other metal surfaces. It is designed for a wide range of applications spanning auto/light truck, motorcycle, ATV, UTV, snowmobile, marine outboard, PWC, heavy-duty on-road, heavy-duty off-road, agriculture, and powersports equipment. It can be used on metal components, equipment, tools, and as an undercoat for vehicle underbodies.

Q2: How does AMSOIL Heavy-Duty Metal Protector protect against rust and corrosion?

AMSOIL Heavy-Duty Metal Protector contains special rust and corrosion inhibitor additives that protect against the effects of salt, moisture, and chemical corrosion. It displaces water and dries to a resilient, amber, wax-like coating that does not wear off easily. This durable coating can last up to several years depending on the application and environment, providing long-term protection against water, salt, and high humidity.

Q3: What kind of coating does AMSOIL Heavy-Duty Metal Protector leave and how long does it last?

AMSOIL Heavy-Duty Metal Protector dries to an amber, wax-like coating that is resilient and does not wear off easily. The protective coating can last up to several years depending on the specific application and environmental conditions. Verified users recommend allowing approximately 48 hours of dry time depending on temperature and humidity for the coating to fully set.

Q4: How does AMSOIL Heavy-Duty Metal Protector compare to regular spray lubricants for rust prevention?

Unlike typical spray lubricants that primarily focus on loosening parts and providing temporary lubrication, AMSOIL Heavy-Duty Metal Protector is specifically formulated as an anti-corrosion product. It dries to a durable, wax-like amber coating that lasts up to several years, rather than evaporating or washing off quickly. It contains dedicated rust and corrosion inhibitor additives and displaces water, providing long-lasting protection against salt, moisture, and chemical corrosion on a wide range of metal surfaces.

Q5: How often should I reapply AMSOIL Heavy-Duty Metal Protector as an undercoat?

AMSOIL Heavy-Duty Metal Protector can last up to several years depending on the application and environmental conditions. For undercoating applications, recoating may be needed depending on the level of abuse and exposure to salt, moisture, and road conditions. Verified users recommend letting it dry for approximately 48 hours for best results and note that it adheres well even when sprayed directly on rusted metal, though periodic inspection and recoating will help maintain maximum protection.

Q6: Is AMSOIL Heavy-Duty Metal Protector safe to spray on engine components?

AMSOIL Heavy-Duty Metal Protector dries to an amber, wax-like coating with a brown tint, so verified users recommend avoiding spraying it directly on engine surfaces where the visible discoloration may be undesirable. It is ideal for underbody undercoating, tools, equipment, and hard-to-reach metal areas. The spray can includes a straw attachment that helps direct the product precisely into tight spaces where corrosion protection is needed.

Available Product Codes

Product Code	Package Size	Unit of Measure
AMHSC-EA	15 oz. Spray Can	Each
AMHSC-CA	15 oz. Spray Can	Case of 12

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