

Powersports Transmission Fluid

AMSOIL 100% SYNTHETIC ATV/UTV TRANSMISSION & DIFFERENTIAL FLUID

Product Code: AUDTPK-EA

Protect your ATV or UTV with advanced synthetic fluid that resists wear, heat, and cold for reliable performance in extreme conditions.



Product Description

AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid delivers upgraded gear and bearing protection for ATVs and UTVs that work hard, haul heavy, or ride aggressively. Built with shear-stable synthetic technology, it handles the extreme pressures and high torque that stock fluids weren't designed to survive.

ATVs and UTVs take abuse that most vehicles never see. Deep mud, steep grades, heavy payloads, plowing snow, winching out stumps. Every one of those tasks hammers the transmission and differential with extreme pressure, shock loads, and heat. Machines loaded down with cabs, skid plates, plows, and winches operate well beyond what factory fill fluids were formulated to handle, and that's where gear wear, viscosity loss, and thermal breakdown start.

SEVERE-SERVICE WEAR PROTECTION

Aggressive riding and heavy payloads generate extreme pressures that cause conventional and OEM fluids to shear down and lose viscosity, leaving gears and bearings vulnerable. AMSOIL Synthetic ATV/UTV Transmission & Differential Fluid resists viscosity loss under shear and maintains outstanding film strength where it counts. In ASTM D4172 Four-Ball Wear testing at 150 degC, 1800 rpm, and 40 kg load, it produced a wear scar of just 0.46 mm. That kind of protection matters in a Polaris Ranger hauling fence posts, a Can-Am Outlander pulling a plow, or a Honda Foreman grinding through rocky trail sections.

SUPERIOR HEAT RESISTANCE

Towing, hauling, and sustained low-speed operation in warm weather push transmission and differential temperatures to extremes. When lubricants break down under heat, deposits form and wear accelerates. This fluid posts a flash point of 210 degC (410 degF) and a fire point of 220 degC (428 degF), giving it substantial thermal headroom over typical OEM gear oils. It cools critical components and resists oxidation to keep transmissions and differentials clean during severe-duty work.

COLD-WEATHER FLUIDITY

Cold mornings and winter riding demand a fluid that flows quickly to protect gears at startup. With a pour point of -43 degC (-45 degF), this fluid remains fluid in frigid conditions, reducing the sluggish, hard-shifting feel that plagues thicker OEM fluids in cold weather. If you're plowing snow with a Kawasaki Mule or starting a Yamaha Grizzly on a January morning, the fluid reaches critical components fast.

ZERO FOAMING UNDER STRESS

Foam compromises film strength and accelerates wear. In ASTM D892 foam testing across all three sequences, AMSOIL Synthetic ATV/UTV Transmission & Differential Fluid recorded 0/0/0, meaning zero foam tendency and zero foam stability. Gears and bearings stay protected by a consistent oil film, even during aggressive operation over rough terrain.

SPECIFICATIONS AND COMPATIBILITY

This fluid meets API GL-5 requirements and is designed for use in ATV and UTV transmissions and differentials, including those made by Honda, Yamaha, Kawasaki, Can-Am, and Suzuki. It is a direct replacement for OEM-branded fluids and is Warranty Secure, meaning it will not void your factory warranty.

SERVICE LIFE

Follow the original equipment manufacturer's recommended oil change interval.

Technical Specifications

| Property | Value | Test Method |
|---|-----------|-------------|
| Kinematic Viscosity @ 100 degC, cSt | 15.6 | ASTM D445 |
| Kinematic Viscosity @ 40 degC, cSt | 120.4 | ASTM D445 |
| Viscosity Index | 136 | ASTM D2270 |
| Flash Point, degC (degF) | 210 (410) | ASTM D92 |
| Fire Point, degC (degF) | 220 (428) | ASTM D92 |
| Pour Point, degC (degF) | -43 (-45) | ASTM D97 |
| Four-Ball Wear Test (150 degC, 1800 rpm, 40 kg, 1 hr) | 0.46 mm | ASTM D4172 |
| Foam, Sequence I, II & III | 0/0/0 | ASTM D892 |

Frequently Asked Questions

Q1: What vehicles and equipment is AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid designed for?

AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid is custom-engineered specifically for differentials and transmissions on ATVs and UTVs. It is ideal for machines used for hauling, plowing, or conquering tough terrain. Verified buyers report using it in vehicles such as the Honda Foreman 400 and various side-by-side UTVs.

Q2: How does AMSOIL ATV/UTV Transmission & Differential Fluid protect gears under heavy loads?

AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid uses a shear-stable synthetic formulation to protect heavily loaded, high-torque gears and bearings against wear in the most severe operating conditions. Its synthetic technology delivers reserve protection for machines burdened with the added weight and stress of payloads, cabs, winches, plows, and other accessories. It also cools critical components and resists the effects of extreme heat to maintain reliable protection during severe service.

Q3: What specifications does AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid meet?

The product page references that AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid is suitable for applications requiring GL-5 lubricants, as noted by a verified buyer using it for UTV differentials and transmissions. Full technical specifications, including viscosity data and additional certifications, are available in the product's data bulletin and data sheet linked on the product page.

Q4: How does AMSOIL ATV/UTV Transmission & Differential Fluid compare to conventional gear oils for off-road use?

Unlike conventional gear oils, AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid is a shear-stable synthetic formulation that maintains its protective properties under the extreme stress of off-road use. It delivers reserve protection for heavily loaded gears that conventional oils may not provide, cools critical components more effectively under extreme heat, and remains fluid in cold weather for fast, reliable cold-start protection. It carries a 4.8-star rating based on 77 verified customer reviews.

Q5: How often should I change AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid in my machine?

AMSOIL recommends consulting the product data sheet and your specific ATV or UTV owner's manual for service interval guidance. Verified buyers have reported that the synthetic formulation helps keep transmissions and differentials in top shape without the need for frequent fluid changes. The full product data bulletin available on the AMSOIL website provides detailed maintenance recommendations.

Q6: Is AMSOIL ATV/UTV Transmission & Differential Fluid safe for UTVs with plows, winches, and heavy accessories?

Yes, AMSOIL 100% Synthetic ATV/UTV Transmission & Differential Fluid is specifically designed for ATVs and UTVs burdened with the added weight and stress of payloads, cabs, winches, plows, and other accessories. Its synthetic technology delivers reserve protection under these severe-service conditions, protecting heavily loaded, high-torque gears and bearings against wear while cooling critical drivetrain components.

Available Product Codes

| Product Code | Package Size | Unit of Measure |
|--------------|-----------------|-----------------|
| AUDTPK-EA | Quart Easy-Pack | Each |
| AUDTPK-CA | Quart Easy-Pack | Case of 12 |
| AUDTQT-EA | Quart Bottle | Each |
| AUDTQT-CA | Quart Bottle | Case of 12 |

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