ATV/UTV TRANSMISSION & SUSPENSION FLUID

AMSOIL 100% SYNTHETIC ATV/UTV DUAL-CLUTCH TRANSMISSION FLUID

Protect your ATV/UTV transmission with advanced synthetic fluid for smooth shifts, extreme wear protection, and reliable performance.

Product Description

AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid is a purpose-built synthetic lubricant engineered to protect the complex dual-clutch transmissions found in Can-Am Maverick R side-by-sides, delivering fast, smooth shifts and reliable wear protection under the most punishing conditions.

Dual-clutch transmissions in modern ATVs and UTVs operate under a unique combination of stresses. They handle split-second gear changes through wet clutch packs while simultaneously lubricating heavily loaded gears and bearings. The weight of passengers, accessories, and cargo, combined with aggressive riding through mud, rocks, and steep terrain, generates extreme pressure and heat that can mechanically shear conventional fluids, strip away viscosity, and leave critical components vulnerable.

SEVERE-SERVICE GEAR AND BEARING PROTECTION

The extreme pressures and high torque generated during hard trail riding and heavy hauling can shear transmission fluids, causing them to lose viscosity and film strength right when protection matters most. AMSOIL Synthetic ATV/UTV Dual-Clutch Transmission Fluid boasts outstanding film strength that resists extreme pressure to protect heavily loaded, high-torque gears and bearings against wear. In Four-Ball Wear Testing (ASTM D4172, Para 1 at 75°C, 1200 rpm, 40 kg, 1 hr), AUDCT delivered a wear scar of just 0.411 mm, demonstrating its ability to maintain a durable protective barrier between metal surfaces under sustained load.

PREVENTS CLUTCH SHUDDER FOR SMOOTH, QUIET SHIFTS

Dual-clutch transmissions are capable of seamless, split-second shifts, but they can develop shudder or lurching at slow speeds when the transmission fluid's friction properties degrade. AMSOIL Synthetic ATV/UTV DCT Fluid is engineered to ensure stable synchronizer engagement that prevents shudder and consistently produces fast, smooth shifts. This friction durability helps extend the working life of the clutch packs and the transmission as a whole, which is particularly important in machines like the Can-Am Maverick R that see aggressive use in technical terrain.

SUPERIOR EXTREME-TEMPERATURE PERFORMANCE

Heat is the primary enemy of transmission fluid longevity. Crawling through technical rock sections, hauling heavy

loads, or running hard in desert conditions can push DCT fluid temperatures to extremes that cause conventional fluids to break down, forming harmful deposits and accelerating wear. AMSOIL Synthetic ATV/UTV DCT Fluid resists thermal breakdown to protect critical components and cool internal surfaces under sustained high-temperature operation. On the cold end, with a Brookfield Viscosity of 8900 cP at -40°C (ASTM D2983) and a pour point of -56°C (-69°F), this fluid remains fluid in frigid conditions for fast, efficient cold-weather starts. That wide operating temperature range, backed by a viscosity index of 170 (ASTM D2270), means consistent performance from frozen morning startups to high-heat summer rides.

FIGHTS RUST AND CORROSION

ATVs and UTVs regularly encounter water crossings, mud, snow, and humidity that can introduce moisture into the transmission housing. AMSOIL Synthetic ATV/UTV DCT Fluid is formulated to fight rust and corrosion, protecting internal metal surfaces from the damaging effects of moisture contamination that can compromise gear surfaces and bearing life over time.

COMPATIBILITY AND APPLICATION

AMSOIL Synthetic ATV/UTV Dual-Clutch Transmission Fluid is designed for use in Can-Am Maverick R dual-clutch transmissions. It is an excellent alternative to original equipment manufacturer (OEM) fluids and is Warranty Secure, meaning it will not void your manufacturer's factory warranty.

SERVICE LIFE

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

Property	Value	Test Method
Kinematic Viscosity @ 100°C, cSt	7.6	ASTM D445
Kinematic Viscosity @ 40°C, cSt	36.7	ASTM D445
Viscosity Index	170	ASTM D2270
Brookfield Viscosity @ -40°C, cP	8900	ASTM D2983
Flash Point, °C (°F)	226 (442)	ASTM D92
Fire Point, °C (°F)	242 (468)	ASTM D92
Pour Point, °C (°F)	-56 (-69)	ASTM D97
Four-Ball Wear Test (ASTM D4172) Para 1 (75°C, 1200 rpm, 40 kg, 1 hr)	0.411 mm	ASTM D4172

FREQUENTLY ASKED QUESTIONS

Q1: What ATVs and UTVs use AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid?

AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid (AUDCTQT) is engineered specifically for ATV and UTV dual-clutch transmissions that operate under heavily loaded, high-torque conditions. It is designed for a wide range of powersports applications including ATVs, UTVs, and similar off-road machines equipped with dual-clutch transmission systems. Use the AMSOIL vehicle lookup tool to confirm fitment for your specific make and model.

Q2: How does AMSOIL ATV/UTV Dual-Clutch Transmission Fluid protect gears and bearings under heavy loads?

AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid is formulated to protect heavily loaded, high-torque gears and bearings against wear in the most severe operating conditions. It resists the effects of extreme heat to protect critical transmission components no matter how hard you drive. It also prevents shudder, which helps extend transmission life and delivers consistently fast, smooth, quiet shifts.

Q3: What specifications does AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid meet?

The product page directs users to the AMSOIL product data sheet and data bulletin for full technical specifications and details. AMSOIL provides downloadable technical documentation including the Data Bulletin, Safety Data Sheet (SDS), and warranty information for this dual-clutch transmission fluid. For complete specification listings and approvals, consult the official data bulletin available on the product page.

Q4: How does AMSOIL ATV/UTV Dual-Clutch Transmission Fluid compare to OEM transmission fluid for side-by-sides?

AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid is purpose-built to deliver severe-service wear protection for heavily loaded, high-torque gears and bearings, along with superior extreme-temperature performance that many OEM fluids may not match. It prevents shudder and delivers fast, smooth shifts, allowing riders to confidently push their machines to the limit. Its 100% synthetic formulation also remains fluid in cold weather for fast, efficient starts all year long.

Q5: Does AMSOIL ATV/UTV Dual-Clutch Transmission Fluid work in cold weather riding conditions?

Yes. AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid is engineered with superior extreme-temperature performance in both directions. It remains fluid in cold weather, enabling fast and efficient starts all year long. It also resists the effects of extreme heat to protect critical dual-clutch transmission components during demanding summer or high-load riding conditions.

Q6: Is AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid safe for my dual-clutch transmission's clutch packs?

Yes. AMSOIL 100% Synthetic ATV/UTV Dual-Clutch Transmission Fluid is specifically engineered for dual-clutch transmission systems found in ATVs and UTVs. It is formulated to prevent clutch shudder, which helps extend transmission life and produce consistently fast, smooth shifts. Its formulation is designed to be compatible with the friction materials and components found in dual-clutch transmissions used in powersports applications.

AVAILABLE PRODUCT CODES

Product Code	Package Size	Unit of Measure
AUDCTQT-EA	Quart Bottle	Each
AUDCTQT-CA	Bottle	Case of 12

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