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AMSOIL
The First in Synthetics®

DATA BULLETIN

Synthetic V-Twin Transmission Fluid

AMSOIL Synthetic V-Twin Transmission Fluid is specifically designed for bikers who prefer a dedicated transmission fluid over a multi-use lubricant. Its frictional properties deliver smooth shifts and it helps quiet transmission noise, letting riders focus on enjoying the ride. AMSOIL Synthetic V-Twin Transmission Fluid is Warranty Secure™ and will not void your motorcycle's warranty. It is a cost-effective, high-performance alternative to original equipment manufacturer (OEM) fluids.



- **Protects** against gear and bearing wear
- **Delivers** smooth shifts
- **Helps** eliminate loud thunks and gear noise

Promotes Quiet Operation

AMSOIL Synthetic V-Twin Transmission Fluid forms a durable oil film on bearings and gears, helping to dampen loud thunks when shifting and reduce gear noise.

Protects Against Gear and Bearing Wear

Extreme pressures between gear teeth can shear inferior transmission fluids, reducing viscosity and compromising wear protection. AMSOIL Synthetic V-Twin Transmission Fluid resists viscosity loss due to shear and withstands extreme heat for excellent wear protection. Its robust molecules provide film strength to protect against damage from shock loading, while its extreme-pressure additives deliver additional protection against wear.

Delivers Smooth Shifts

AMSOIL Synthetic V-Twin Transmission Fluid's finely tuned viscometrics and frictional properties provide smooth shifts, helping riders avoid missed shifts for crisp acceleration through each gear. It provides riders confidence that their transmission is going to respond as intended for an improved ride.

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Order by Phone 1-800-956-5695 - Give Operator Reference #5983322

TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic V-Twin Transmission Fluid (MVT)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	20.7
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	190.3
Viscosity Index (ASTM D2270)	127
Pour Point, °C (°F) (ASTM D97)	-40 (-40)
Flash Point, °C (°F) (ASTM D92)	228 (442)
Fire Point, °C (°F) (ASTM D92)	242 (468)
Four-Ball Wear Test (ASTM D4172 @ 40 kgf, 150°C, 1800 rpm, 1 hr), Scar, mm	0.55
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	8.43
Foam (ASTM D892, Sequence I, II & III)	0/0/0

APPLICATIONS

Engineered for use in Harley-Davidson*, Triumph* and pre-2013 INDIAN* bikes.

RECOMMENDATIONS

AMSOIL Synthetic V-Twin Transmission Fluid is recommended for up to 20,000 miles or one year, whichever comes first.

WARRANTY SECURE™

AMSOIL Synthetic V-Twin Transmission Fluid is Warranty Secure, keeping your factory warranty intact. AMSOIL Synthetic V-Twin Transmission Fluid is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty (G1363). For details, visit www.amsoil.com/warrantysecure.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Don't pollute. Return used oil to collection centers.

WARRANTY SECURE®

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AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.

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