



PROTECTION | **PERFORMANCE**
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DATA SHEET

100% Synthetic Manual Synchronesh Transmission Fluid

Formulated for maximum protection in synchronesh transmissions

AMSOIL 100% Synthetic Manual Synchronesh Transmission Fluid is a premium-quality synthetic lubricant designed to surpass the most demanding requirements of manual transmissions and transaxles where non-extreme-pressure fluids are used. It protects gears and bearings in extreme temperatures, surpassing conventional oil performance with excellent protection from -40°F (-40°C) to 300°F (149°C). AMSOIL 100% Synthetic Manual Synchronesh Transmission Fluid maximizes fuel economy while resisting the effects of heat, oxidation and varnish deposits.

Unlike its conventional oil counterparts, AMSOIL 100% Synthetic Manual Synchronesh Transmission Fluid prevents the thinning effects of mechanical shear for stable viscosity, superior film strength and excellent anti-wear performance. It protects against corrosion, conditions seals for long life and protects brass components for smooth synchronesh shift quality.

Ideal for Many General Motors,* Chrysler,* Honda* and Other Vehicles

AMSOIL 100% Synthetic Manual Synchronesh Transmission Fluid is a high-quality, lower cost replacement for multiple vehicle-manufacturer branded products. This premium synthetic formulation provides excellent anti-wear protection and lasts longer in service. AMSOIL 100% Synthetic Manual Synchronesh Transmission Fluid exceeds the performance requirements of manual transmissions and transaxles.

Excellent for Service Centers

AMSOIL 100% Synthetic Manual Synchronesh Transmission Fluid is a versatile transmission lubricant. It reduces inventory needs and is cost-effective compared to vehicle-manufacturer branded products.



- **Reduces** friction, heat and wear.
- **Resists** heat, oxidation, acid buildup and varnish.
- **Improves** cold-weather shifting.



TYPICAL TECHNICAL PROPERTIES

100% Synthetic Manual Synchromesh Transmission Fluid (MTF)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	10.1
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	49.4
Viscosity Index (ASTM D2270)	196
Flash Point, °C (°F) (ASTM D92) 150°C Min.	218 (424)
Pour Point, °C (°F) (ASTM D97)	-48 (-54)
Four-Ball Wear Test Para 1 (75°C, 1200 rpm, 40kg, 1hr.) Scar, mm (ASTM D4172)	0.40
Brookfield Viscosity @ -40°C, (ASTM D2983)	32,075
Foam Stability (ASTM D892) (20/50/20) Max.	0/0, 0/0, 0/0
Copper Corrosion 3hr @ 121°C (ASTM D130)	1A

APPLICATIONS

Use in automotive and light-truck applications that require synchromesh transmission fluid. Applications include manual transmissions and transaxles such as New Venture* NV T350, NV 1500, NV 2550, NV 3500, NV 3550, NV 5600, and Tremec* T4, T5, T18, T56, T176, TKO500, TKO600, TR 3450 and TR 3550. Not for use in engines, hypoid rear axles, limited-slip or wet-clutch applications.

Specifications

- GM* 9985648
- GM 9986105
- GM 9985535
- Chrysler* MS-9224
- Chrysler MS-9417
- Honda* Genuine MTF fluid for transaxles
- Land Rover,* MG* and Mini Cooper* MTF-94
- Texaco* MTX fluid

SERVICE LIFE

Recommended for 50,000-mile service intervals or longer (up to 150,000 miles) as indicated in the owner's manual.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit [AMSOIL.com/warranty.aspx](https://www.amsoil.com/warranty.aspx).

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 [AMSOIL.com](https://www.amsoil.com) or upon request at 715-392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

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