



## Synthetic Manual Synchronesh Transmission Fluid

Formulated for maximum protection in synchronesh transmissions

AMSOIL Synthetic Manual Synchronesh Transmission Fluid is a premium-quality synthetic lubricant designed to surpass the most demanding lubrication requirements of manual transmissions and transaxles where non-extreme-pressure fluids are used. It protects gears and bearings in extreme temperatures. It outperforms conventional oils and delivers outstanding performance from -40°F (-40°C) to 300°F (149°C), maximizes energy efficiency and resists the effects of heat, oxidation, sludge and varnish deposits.

Unlike its mineral oil counterparts, AMSOIL 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, keeps seals soft for long life and is compatible with brass synchronesh for smooth synchronesh shift quality.

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

AMSOIL 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 Synthetic Manual Synchronesh Transmission Fluid exceeds the performance requirements of manual transmissions and transaxles.

### Excellent for Service Centers

AMSOIL 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
- **Superior** high-temperature stability
- **Resists** heat, oxidation, acid buildup and varnish
- **Improves** cold-weather shifting



## TYPICAL TECHNICAL PROPERTIES

### Synthetic Manual Synchronesh 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 synchronesh 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. Replaces MTF-94 fluid for Land Rover\*, MG\* and Mini Cooper\*. Replaces Honda\* Genuine MTF fluid for manual transaxles and Texaco\* MTX fluid. Not for use in engines, hypoid rear axles, limited-slip or wet-clutch applications.

### Specifications include:

#### Specifications

- GM\* 9985648
- GM 9986105
- GM 9985535
- Chrysler\* MS-9224
- Chrysler MS-9417

#### Part Numbers

- GM 12345349 or 12345577
- GM 12377916
- GM 1052931
- Chrysler 4874464
- Chrysler 4874465

## 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 [www.amsoil.com/warranty.aspx](http://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 [www.amsoil.com](http://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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AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.

To order Amsoil products by phone please call between the hours of 7AM - 7PM Central Time

Phone Orders: 1-800-777-7094  
Referral Number: 1254295

Online Ordering:  
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