



*The First in Synthetics*®

## Synthetic Manual Synchronesh Transmission Fluid (MTF)

**Specifically formulated for maximum protection in synchronesh transmissions**

### *Product Description*

AMSOIL Synthetic Synchronesh Transmission Fluid (MTF) 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.

AMSOIL Synthetic Synchronesh Transmission Fluid protects gears and bearings in extreme temperatures. It outperforms conventional oils and delivers outstanding performance from -40°F to 300°F. AMSOIL MTF 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 rust, 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 Manual Synchronesh Transmission Fluid is a higher quality, lower cost replacement for multiple vehicle manufacturer-branded products. This premium



synthetic formulation provides enhanced anti-wear protection and lasts longer in service. AMSOIL Manual Synchronesh Transmission Fluid exceeds the performance requirements of both manual transmissions and transaxles.

### *Excellent for Service Centers*

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

### *Performance Features*

- **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 Synchromesh Transmission Fluid (MTF)

Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	9.6
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	47.1
Viscosity Index	194
Flash Point, °C (°F) (ASTM D-92) 150°C Min.	224 (435)
Pour Point, °C (°F) (ASTM D-97)	-45 (-49)
4-Ball Wear 75°C, 1200 rpm, 40kg, 1hr.	0.40mm
Brookfield viscosity @ -40°C, (ASTM D-2683)	38,273
Foam Stability (ASTM D-892) (20/50/20) Max.	0/0/0
Copper Corrosion (3hr, 121°C)	1A

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## APPLICATIONS

Recommended for 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. 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.

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



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