



The First in Synthetics®

Synthetic Manual Synchronesh Transmission Fluid (MTF)

SAE 5W-30

**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.

MTF protects gears and bearings in extreme temperatures. It outperforms conventional oils and delivers outstanding performance from -40°F to 300°F. It maximizes energy efficiency and resists the effects of heat, oxidation, sludge and varnish deposits.

Unlike its mineral oil counterparts, MTF prevents the thinning effects of mechanical shear for stable viscosity, superior film strength and 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. MTF exceeds the performance requirements of both manual transmissions and transaxles and it lasts longer in service than conventional fluids.

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

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 3500, NV 3550, NV 5600, and Tremec T4, T5, T18, T176, T500 and T600. Replaces MTF-94 fluid for Land Rover, MG, and Mini Cooper and Honda Genuine MTF fluid for manual transaxles. Also replaces Texaco MTX fluid. **Not for use in engines 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

Under normal operating conditions, AMSOIL MTF will last up to two times longer than vehicle manufacturers recommended drain intervals, not to exceed 150,000 miles.

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

