



SYNCHROMESH FLUID

PRODUCT DESCRIPTION

PENNZOIL[®] SYNCHROMESH FLUID is a synchromesh transmission fluid designed for certain manual transaxles and manual transmissions used by General Motors or Chrysler. PENNZOIL[®] SYNCHROMESH FLUID is formulated with high quality paraffinic base stocks, a fluidity modifier, multifunctional performance additives, corrosion inhibitors, a foam suppressor and a shear stable viscosity index improver additive. It provides excellent oxidation stability, low temperature performance, excellent synchronizer performance and compatibility with yellow metals, such as bronze, brass and copper components found in manual transaxles and transmissions. This product will satisfactorily lubricate General Motors or Chrysler manual transaxles and transmissions from -40°C to +150°C.

APPLICATION

PENNZOIL[®] SYNCHROMESH FLUID is specifically formulated for synchromesh transmissions used by General Motors requiring General Motors Part No. 12345349 (Specification No. 9985648) Synchromesh Transmission Fluid or Chrysler transmissions requiring Part No. 4874464 (Specification MS-9224). It is also recommended for use in General Motor transmissions requiring General Motors Part No. 12345577. It is listed in the *Pennzoil Lubrication Recommendation And Capacities Guide* as “GLS.” **PENNZOIL[®] SYNCHROMESH FLUID is NOT intended for all GLS applications. You must verify the manufacturer’s part number, indicated by a superscript number and found at the end of the vehicle application listing.**

BENEFITS

- Exhibits excellent low temperature performance
- Meets GM Specification 9985648
- Suitable for use in GM manual transaxles and transmissions requiring GM Part No. 12345349 or 12345577
- Meets Chrysler specification MS-9224
- Suitable for use in Chrysler transaxles and transmissions requiring Part No. 4874464
- Excellent synchronizer performance
- Excellent yellow metal compatibility

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

| TEST | METHOD | TYPICAL RESULTS |
|----------------------|-------------|-----------------|
| API Gravity | ASTM D-1298 | 27.3 |
| Flash Point, COC, °F | ASTM D-92 | 385 |
| Pour Point, °F | ASTM D-97 | -50 |
| Viscosity | ASTM D-445 | |
| @ 40°C, cSt | | 41.6 |
| @ 100°C, cSt | | 9.08 |
| @ 100°F, SUS | | 209.4 |
| @ 210°F, SUS | | 56.7 |
| Viscosity Index | ASTM D-2270 | 208 |
| Material Number | | |
| 5 Gallon Pail | | 3378 |
| 12/1 Quart | | 3501 |