

TREMEC

TRANSMISSIONS

Service Topics Number: **3-02**

Date:

March 14, 2003

Subject:

Recommended Fluids

Transmission Models Affected:

All

Due to various synchronizer materials used in TREMEC transmissions, and different climates and applications, no one single fluid will work for all transmissions. For example, fluids that are high in sulfur content may damage the surface of brass blocker rings found in many transmissions, while some oils may damage the bonding material used in carbon fiber papers. Heavy weight oils generally provide better lubrication to bearing surfaces; however they may cause harder shifts, particularly in cold weather.

Recommended oil change intervals should be based on specific usage. In most cases a "fill for life" is adequate, while in severe applications such as drag racing, or road racing a more frequent fluid change should be prescribed. Excessive heat will cause most fluids to breakdown and ultimately cause damage to the transmission. The transmission should be filled through the fill plug located on the side of the transmission. Proper fill level is achieved once the oil reaches the fill hole. Recommended fluids by transmission model are listed below:

TR-3550 / TKO

GM Synchromesh has proven to provide the best performance for these transmissions, which use brass synchronizers.

T-5, T-56, TR-3650

These transmissions use a combination of brass, carbon fiber and paper-lined synchronizers. An ATF fluid such as Dexron III will provide the best results.



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