



RTF 100% SYNTHETIC RACING TRANSMISSION FLUID

DESCRIPTION:

RTF 100% Synthetic Racing Transmission Fluid is engineered to reduce fluid drag for increased power efficiency without compromising component durability. 100% synthetic Group IV and Group V base oils and Torco's over-built extreme pressure additive technology make RTF a light-side SAE 90 superfluid. This combination provides superior shear resistance, extreme temperature stability, and anti-score protection in high-speed, high-torque, and high shock-load applications allowing synchronizers to operate smoothly. RTF outperforms the load-carrying and extreme pressure wear protection of heavier viscosity GL-5 and GL-6 gear oils.

FEATURES & BENEFITS:

- 100% synthetic Group IV and Group IV base oil formula
- Superior high-torque and high shock-load extreme pressure protection
- Reduces gear box operating temperatures
- Outperforms heavier gear oils
- Formulated to GL-6 performance requirements

APPLICATIONS:

Recommended for racing and high-performance manual transmissions, transaxles and marine outdrive units where an SAE 75W-90, 80W90, or 90 is specified. Also replaces SAE motor oil grades 10W-30, 30, 10W-40, or 40 where specified for transmissions. Commonly used in circle track (Winston Cup, Busch, modified, stock), road racing, formula, open-wheel (Champ Cars, IRL Cars), off-road, drag racing, sports compact street and domestic performance street applications. Excellent for dry sump and fluid drive gear cases.

Note: RTF is recommended explicitly for Richmond Gear® Racing Transmissions.

TYPICAL TEST DATA:

TEST	METHOD	MTF
Specific Gravity @ 15.6 °C	D1298	0.8708
Lbs/Gal	D1298	7.251
Viscosity @ 40 °C (cSt)	D445	82.5
Viscosity @ 100 °C (cSt)	D445	14.33
Viscosity Index	D2270	194
Copper Corrosion	D130	1a
Pour Point °C	D97	-40
Flash Point °C	D92	230