

# Trick Shift Automatic Transmission Fluid

## ■ Pour In Performance!

Trick Shift was originally developed by B&M for racing applications. Trick Shift has become so successful that it is the most popular high performance fluid on the street as well. Trick Shift is a blend of foam inhibitors, extreme pressure agents and shift modifiers which in combination provide extended transmission life and dramatically improved shift feel. B&M's Trick Shift Performance Transmission Fluid is the most inexpensive way to measurably improve the transmission performance of your vehicle. You can literally pour in performance. Trick Shift can be mixed with stock-type transmission fluids. However, to attain the maximum improvement you should try to utilize Trick Shift exclusively. Ideal for towing, light trucks and RV applications as well as racing.

TRICK SHIFT ATF - 1 US Quart .....80259

### TRANSMISSION OIL CAPACITY CHART\*

| GENERAL MOTORS           |           |                   |                        |
|--------------------------|-----------|-------------------|------------------------|
| TRANSMISSION             | STOCK PAN | WITH B&M DEEP PAN | STOCK TORQUE CONVERTER |
| Turbo-Hydro 700R4        | 5 quarts  | Add 3 Quarts      | 4.5 quarts             |
| Turbo-Hydro 400          | 3 quarts  | Add 2 Quarts      | 7.0 quarts             |
| Turbo-Hydro 350          | 3 quarts  | Add 3 Quarts      | 6.0 quarts             |
| Powerglide               | 4 quarts  | Add 2 quarts      | 5.0 quarts             |
| Turbo-Hydro 200          | 3 quarts  |                   | 4.5 quarts             |
| CHRYSLER                 |           |                   |                        |
| TRANSMISSION             | STOCK PAN | WITH B&M DEEP PAN | STOCK TORQUE CONVERTER |
| A-727 TF                 | 4 quarts  | Add 4 Quarts      | 4.0 quarts             |
| A-904 TF                 | 4 quarts  | Add 3 Quarts      | 4.0 quarts             |
| FORD MOTOR COMPANY       |           |                   |                        |
| TRANSMISSION             | STOCK PAN | WITH B&M DEEP PAN | STOCK TORQUE CONVERTER |
| C6                       | 5 quarts  |                   | 5.0 quarts             |
| C4                       | 3 quarts  |                   | 5.0 quarts             |
| FMX                      | 4 quarts  |                   | 5.0 quarts             |
| AOD                      | 6 quarts  |                   | 5.0 quarts             |
| B&M CONVERTER CAPACITIES |           |                   |                        |
| 12" Converters .....     | 6 quarts  |                   |                        |
| 11" Converters .....     | 5 quarts  |                   |                        |
| 10" Converters .....     | 4 quarts  |                   |                        |
| 9" Converters .....      | 3 quarts  |                   |                        |
| 8" Converters .....      | 3 quarts  |                   |                        |

\* Capacities listed are approximated. **Note:** If you change or remove the valve body get additional oil equal to half your torque converter capacity.

### TECH CORNER

**Q.** What's the difference between a good stock transmission fluid and B&M's Trick Shift?

**A.** Trick Shift is a specially blended automatic transmission fluid containing additional friction modifiers to reduce clutch and band slippage and enhance shift performance. It contains extreme pressure agents to prolong planetary gear and bearing life and viscosity index improvers handle higher temperatures.

**Q.** Will Trick Shift work with lockup converters?

**A.** Yes, but in very new (after 1991 transmissions) the shift feel may be harsh in normal street applications.



### TEST DATA ON TRICK SHIFT

Trick shift has been comparison tested with Dexron™ and Ford Type "F" fluids by two independent laboratories. B&M has also conducted shift time tests on the B&M transmission dyno. See results below.

| TRANSMISSION FLUID COMPARISON TEST RESULTS       |                     |                    |                      |  |              |
|--|---------------------|--------------------|----------------------|--|--------------|
| Test   | Type "F" Ford Brand | Dexron II          | Improved Trick Shift | Specifications                               |              |
| 4-Ball wear test (Ave. wear spot dia., mm)       | .38 mm              | .39 mm             | .36 mm               | Ford max. allowed .45 mm                     |              |
| Flash Point                                      | 380° F              | 350° F             | 385° F               | Ford min. 350° F                             |              |
| Fire Point                                       | 420° F              | 390° F             | 435° F               | Ford min. 380° F                             |              |
| Pour Point                                       | - 70° F             | - 45° F            | - 45° F              | Ford min. - 40° F                            |              |
| Copper Strip Corrosion                           | Slight Tarnish 1A   | Slight Tarnish 1A  | Slight Tarnish 1A    | Ford Max. 1B                                 |              |
| Viscosity @ 210° F                               | 7.74 cs             | 7.36 cs            | 7.72 cs              | Ford min. 7.0 cs                             |              |
| Viscosity @ 0° F                                 | 1,397 cs            | Test ran at -10° F | 1,180 cs             | Phoenix lab results acceptable               |              |
| Viscosity @ -40° F                               | 38,081 cs           | 50,000 cps (max.)  | 22,640 cps           |  |              |
| Foaming Tendency and Stability                   | Acceptable          | Acceptable         | Acceptable           | ASTM D892 Test standards                     |              |
| Rubber Swell % Buna N                            | - .51 %             | + 2.5 %            | + 3.8 %              | Phoenix lab pos. swell acceptable            |              |
| Rubber Swell % Silicone                          | + 18.21 %           | + 6.5 %            | + 13.11 %            | Phoenix lab pos. swell up to 20 % acceptable |              |
| Dynamometer Shift Times with Stock TH-400 Trans. | 1 - 2               | 1.17 sec.          | 1.20 sec.            | .99 sec.                                     | B&M Dyno Lab |
|  | 2 - 3               | .95 sec.           | 1.08 sec.            | .65 sec.                                     | B&M Dyno Lab |