



Product Bulletin

BRAD PENN[®] MULTI-VEHICLE ATF

BRAD PENN[®] MULTI-VEHICLE ATF is a multi-functional ATF incorporating advanced additive technology to meet the challenging demands of automatic transmissions in various North American, European and Asia Pacific vehicles (see approvals/"suitable for use" listings on back page). It is compatible with today's high performance transmission and also provides premium performance in older vehicles.

BRAD PENN[®] MULTI-VEHICLE ATF is designed to offer exceptional oxidation resistance, low temperature properties, minimize sludge and varnish deposits, and provide good cold-start shifting. This extremely versatile fluid also provides:

- Excellent wear protection/anti-wear performance
- Frictional stability
- Good anti-foam properties
- Anti-shudder properties
- Excellent seal compatibility
- Viscosity retention
- Corrosion protection

BRAD PENN[®] MULTI-VEHICLE ATF Typical Properties

| | Test Method | |
|------------------------|-------------|-------------|
| Density, lbs/gal | Calculated | 7.09 |
| API Gravity | ASTM D-1298 | 35.0 |
| Specific Gravity | ASTM D-4052 | 0.850 |
| Viscosity, cSt @ 40°C | ASTM D-445 | 35.8 |
| Viscosity, cSt @ 100°C | ASTM D-445 | 7.6 |
| Viscosity, SUS @ 100°F | ASTM D-2161 | 167.7 |
| Viscosity, SUS @ 210°F | ASTM D-2161 | 51.1 |
| Pour Point, °C | ASTM D-5949 | -48 |
| Flash Point, °F | ASTM D-92 | 365 |
| TBN | ASTM D-2896 | 5.1 |
| Color | ASTM D-1500 | Red |
| Product Code | | 7423 |



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BRAD PENN® MULTI-VEHICLE ATF is approved for use in Allison C-4, Ford Mercon® V, JASO 1-A, Voith 55.6335.XX (G607) and Volvo 97340 applications. It is suitable for use in the following:

| | |
|---|--|
| Aisin Warner AW-1* | Mazda ATF-M III |
| Audi G 052 162 / Audi G 052 990 | Mazda ATF-MV |
| Audi G 055 025 / Audi G 055 005 | Mercedes Benz 236.1 / 236.2 / 236.3 / |
| Audi G 055 162 / Audi G 060 162 | 236.5 / 236.6 / 236.7 / 236.9 / 236.10 / |
| BMW 7045E | 236.11 |
| BMW LA2634 | Mitsubishi SP-II, SP-III |
| BMW LT 71141 | Mitsubishi ATF J2* |
| BMW P/N 83 22 0 142 516 | Nissan 402 |
| Chrysler ATF's | Nissan Matic-D, J, K |
| Chrysler Mopar AS68RC | Nissan Matic-S* |
| DEXRON® | Saab 93 165 147* |
| DEXRON®-II | Shell 3403 |
| DEXRON®-IID / IIE | Shell LA2634 |
| DEXRON®-IIIF / IIIG | Shell M-1375.4*, M1375.5*, M1375.6* |
| DEXRON®-IIIH | Subaru ATF, ATF-HP |
| DEXRON® VI* | Suzuki 3314 & 3317 |
| Esso LT 71141 | Texaco ETL-7045E / ETL-8072B |
| Ford FNR5 | Texaco N402 |
| Ford Mercon® | Toyota T-III & Toyota T-IV |
| Honda ATF-Z1 | Toyota WS (JWS 3324)* |
| Hyundai/Kia SP-II & SP-III / JWS 3314, JWS 3317 | Volvo Pass. Car (4-6 sp) |
| Hyundai NWS-9638* | Volvo 97341 |
| Kia Red-1 | VW G 052 162, VW G 052 990 |
| Idemitsu K17 | VW G 055 025, VW G 055 005 |
| JWS 3309, 3314, 3317, 3324* | VW G 055 162, VW G 060 162 |
| MAN 339F, MAN 339 V1 | ZF TE-ML 03D, 04D, 05L, 09, 11B, 14A, |
| MAN 339 Z1 | 16L, 17C |

* Viscosity Requirement Not Met

BRAD PENN® MULTI-VEHICLE ATF is not recommended for the following applications:

| | |
|----------------------------------|---|
| Allison TES-295, Allison TES-389 | Mercedes Benz 236.8 / 236.12* / 236.14* / |
| Ford Type F | 236.15* |
| Ford Mercon® SP | Saab 93 165 147 |
| Ford Mercon® LV | Shell M-1375.4 |
| Honda DW -1* | Voith 55.6336.XX (G1363 |
| Hyundai/Kia SP-IV | ZF TE-ML 14B, ZF TE-ML 14C |
| MAN 339 V2, MAN 339 Z2 | CVT / Continuously Variable Transmission |
| MAN 339 Z3 | DCT / Dual Clutch Transmission |
| Mitsubishi SP-IV | |

* Viscosity Requirement Not Met

Always consult the equipment owner's manual for proper fluid selection.