

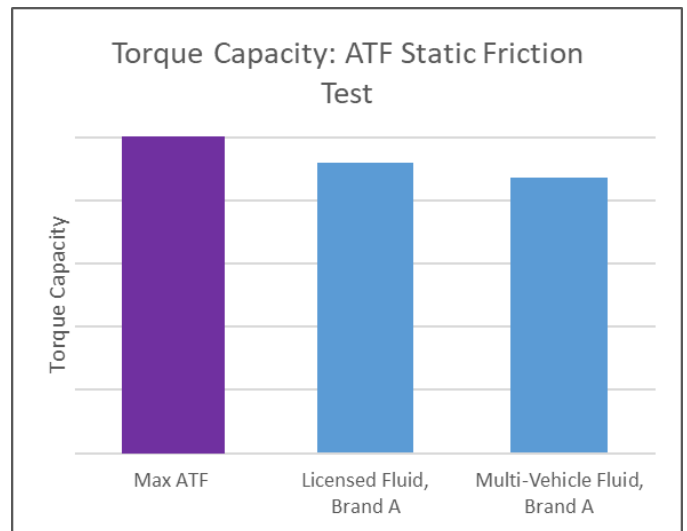
## Max ATF

### MULTI-VEHICLE AUTOMATIC TRANSMISSION FLUID

Royal Purple® Max ATF is a synthetic, high performance, long life, multi-vehicle automatic transmission fluid. Its superior formulation has optimized viscosity, anti-foaming, and protection against wear and thermal breakdown for 6 to 10 speed transmissions commonly found in late model passenger cars and light trucks.

Max ATF provides excellent torque holding capacity to dramatically reduce slippage and heat generation. Automatic transmissions generate a great deal of heat and depend on the transmission fluid for cooling and protection. More than 90 percent of all automatic transmission failures are caused by overheating. A 20 °F reduction in fluid temperature can double the life of the transmission (Source: Perma Industries Inc.). Max ATF significantly reduces heat to extend the life of your transmission.

Max ATF meets the viscosity and performance requirements of late model automatic transmission fluid specifications and is also hybrid vehicle compatible. For best performance and protection, a complete fluid change is recommended, but Max ATF is completely compatible with OEM transmission fluid specifications (listed below), so partial fluid changes and fluid level top-off are recommended as well.



\*JASO M348 Clutch Friction Test

### PERFORMANCE ADVANTAGES

- **BETTER WEAR PROTECTION** - Prevents wear of gears and bearings beyond OEM specification requirements
- **ENHANCED TORQUE HOLDING CAPACITY** – Reduces slippage, especially in severe use
- **UNSURPASSED ANTI-SHudder PROTECTION** – Increases drivability and reduces stress on transmission components
- **REDUCED FOAMING** – Provides more consistent shift performance and protection due to superior anti-foaming characteristics
- **INCREASED FUEL EFFICIENCY** - Fuel economy benefits due to reduced parasitic loss through the transmission.
- **SUPERIOR CORROSION PROTECTION** - No rust observed in standard industry testing
- **EXCELLENT FLUID COMPATIBILITY** – Excellent as a top-off or complete fluid change for all ATF specifications listed

#### Distributed By:

Calumet Branded Products, LLC  
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Indianapolis, IN 46204  
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# TECHNICAL DATA SHEET

## OEM SPECIFICATIONS

**Aisin** ATF-0WS, AW-1, JWS 3324

**Audi** G052533, G055005A2, G055162A2/A6, G055540A2

**BMW** ATF 3+, ATF 6, L12108, M1375.4, M1375.6

**Chrysler/FCA** AW-1, SP-IV, 8&9 Speed ATF, 68218925AA/AB

**Ford** Mercon® LV, Mercon® SP

**GM** AW-1, DEXRON® VI; DEXRON® HP

**Esso** LT 71141

**Honda** DW-1, ATF Type 3.0 & Type 3.1

**Hyundai** SP-IV, SP-IV-M1, SPH-IV, SP-IV-RR

**JWS** 3309, JWS 3314, JWS 3317

**Kia** SP-IV, SP-IV-M1, SPH-IV, SP-IV-RR

**Isuzu** SCS

**Jaguar** 02JDE 26444, Fluid 8432, SCS

**JAMA JASO** M315, Class-1A-LV

**Land Rover** LR022460:LV, LR023288/023289

**Maserati** Oil No. 231603

**Mazda** ATF-FZ

**Mitsubishi** Dia Queen ATF-MA1, Dia Queen ATF-PA, SP-IV

**Nissan** Matic-S, Matic-W

**Porsche** P/N 000 043 304 00

**Saab** P/N 93 165 147

**Subaru** ATF-WS

**Suzuki** 3324, ATF-WS

**Toyota** ATF-FZ, ATF WS, JWS 3324

**Volvo** P/N 31 256 774, P/N 31 256 775

**VW** G052533, G055005A2, G055162A2/A6, G055540A2

**ZF** LifeGuard Fluid 6, LifeGuard Fluid 8, LifeGuard Fluid 9

Please Note: Max ATF is not suitable for use in CVTs, DCTs, or automatic transmissions that specify the use of Ford Type F ATF

- Dexron® is a registered trademark of General Motors Corporation.
- Mercon® is a registered trademark of Ford Motor Company.

## Typical Physical Properties

Property	Test Method	
Viscosity @ 40°C, cSt	ASTM D445	29.3
Viscosity @ 100°C, cSt	ASTM D445	6.0
Viscosity Index	ASTM D2270	158
Flash Point, °C (°F)	ASTM D92	227 (440)
Pour Point, °C (°F)	ASTM D97	-48 (-54)
Brookfield Visc. @ -10°C, cP	ASTM D2983	460
Brookfield Visc. @ -40°C, cP	ASTM D2983	8,400
Copper Corrosion @ 100°C	ASTM D130	1A
Copper Corrosion @ 150°C	ASTM D130	1B
Foam Stability	ASTM D892	0/0/0
4-Ball Wear, Scar, mm	ASTM D4172	0.38

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