

Puma ATF Multivehicle Synthetic

Automatic Transmission Fluid

Puma ATF Multivehicle Synthetic is a special fluid employed mainly in modern automatic transmissions and in many other applications where very low temperature performance, stability under mechanical loads and high viscosity Index are required. Puma ATF Multivehicle Synthetic is specifically designed for filling and topping-up automatic transmissions built by makers who recommend the use of GM ATF III type products, Ford Mercon, Allison C4 specifications and the European OEM requirements. This fluid has been designed to meet the strict requirements for long drain intervals established by ZF.

- ✓ High Viscosity Index
- ✓ Oxidation Resistance
- ✓ Anti-foam Performance
- ✓ Non-corrosive

Note: It is not recommended for CVT transmissions.

Designed to Perform

High Viscosity Index

Carefully selected viscosity index improves ensure that the product has excellent viscosity characteristics even after extended service.

Low Pour Point

It's very low pour point guarantees excellent performance at the lowest temperatures encountered in service.

Friction Modifiers

Its correctly balanced friction modifiers ensure quiet, smooth operation and hence optimum transmission efficiency.

Oxidation Resistance - Longer Oil Life

Puma ATF Multivehicle Synthetic has excellent oxidation stability, thus preventing deterioration when in contact with materials at very high temperatures, and avoiding any tendency towards sludge formation.

High Detergent Dispersant

It's good detergent-dispersant properties help keep impurities in suspension, and prevent deposit formation.

EP Additives

Its EP additives help minimise wear and guard against damage to gear surfaces.

Non-corrosiveness

It is non-corrosive to steel and copper and to ferrous and non-ferrous alloys in general.

Anti-corrosion & Anti-rust Properties

Anti-rust properties inhibit rust formation in the hydraulic systems of automatic transmissions.

Anti-foam Performance

Anti-foam qualities minimize any tendency to foaming that could adversely affect oil circulation and lubricating properties.

Compatibility

Puma ATF Multivehicle Synthetic is perfectly compatible with all types of rubber used in gaskets and seals.

Anti-wear Protection - Longer Equipment Life

Proven anti wear additive packages provide greater resistance to sliding wear thus ensuring efficiency and long life of all moving parts of final automatic transmission systems.

Frictional Performance

Highly consistent and reliable friction performance when used with the advanced metallic and non-metallic materials found in modern systems. Minimal clutch slippage, smooth and quiet brake operation, and trouble-free transmission operation.

Compatibility

Puma Transmission Oils are compatible with various seal materials to help prevent premature failure of seals and thus avoid leakage.

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Meets the requirements of the following specifications:

- > JASO 1-A
- > Allison C-4, TES- TES-295, 389, 389-B
- > Aisin Warner AW1
- > Chrysler ATFs
- > Hyundai SP-II, III
- > MAN 339F, 339 V1/V2, Z1/Z2/Z3
- > Nissan Matic D, J, K
- > Voith 55.6335.XX (G607), 55.6336.XX (G1363)
- > Dexron, Dexron-II, IID, IIIG, IIIH
- > Mazda ATF-M III, ATF-MV
- > Saab 93 165 147
- > Volvo 97340
- > Audi G052 025-A2, G052 162-A1
- > Ford Tipo F, Mercon, Mercon V, SP, LV
- > JWS 3309
- > MB 236.1/236.2/236.5/236.6/236.7/236.9/236.10
- > Subaru ATF
- > VW G052 025-A2, G052 162-A1
- > BMW 7045E, LA2634, LT71141
- > Honda ATF-Z1
- > Kia SP-II, III
- > Mitsubishi Diamond SP-II, SP-III
- > Toyota WS,T-III, T-IV
- > ZF-TE ML, O3D, 09, 14A/C, 16L, 17C

Typical Physical Characteristics

Property	Temp	Units	Test Methods	ATF Multipurpose Synthetic
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	7.4
Viscosity Index	-	-	ASTM D2270	180
Low Temp Viscosity	@-20°C	cP	ASTM D 2983	1300
Flash Point (COC)	-	°C	ASTM D92	190
Foam Sequence I, II, III; mL.	-	-	D-892	50/0, 50/0
Density	@ 20 °C	g/ml	ASTM 1250	0.845
Colour	-	-	-	Red

These characteristics are typical of current product methods whilst future production will conform to Puma Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- > This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- > Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Safety Data Sheet (SDS) which can be obtained from sds.pumaenergy.com.au

Protect the Environment

- > Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information

- > Technical advice on any applications not covered here may be obtained from your Puma Energy Representative.