

Puma ATF DEX/MERC

Automatic Transmission Fluid

Puma ATF DEX/MERC 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 DEX/MERC 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 TES specifications and the European OEM requirements. Additionally it can be used as an industrial fluid, in piston pumps and screw compressors requiring this type of fluid.

- ✓ Anti-wear Protection
- ✓ Oxidation Resistance
- ✓ Anti-foam Performance
- ✓ Non-corrosive

Designed to Perform

High Viscosity Index

Carefully selected viscosity index improvers 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 well balanced friction modifiers ensure quiet, smooth operation and hence optimum transmission efficiency.

Oxidation Resistance - Longer Oil Life

Puma ATF DEX/MERC 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 nonferrous alloys in general.

Anti-corrosion & Anti-rust properties

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

Anti-foam Performance

Its anti-foam qualities minimise any tendency to foaming that could adversely affect oil circulation and lubricating properties.

Compatibility

Puma ATF DEX/MERC 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 automatic transmission systems.

Toxicity

The product is non-toxic since it contains no lead compounds.

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 & Miscibility

Puma ATF DEX/MERC is 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:

- > General Motors ATF III (G-34193)
- > Allison TES-389-B
- > Ford MERCON

Typical Physical Characteristics

Property	Temp	Units	Test Methods	ATF DEX/MERC
Low Temp Viscosity	@ -20°C	cP	ASTM D2983	1376
Kinematic Viscosity	@ 40°C	cSt	ASTM D445	32.6
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	7.16
Viscosity Index	-	-	ASTM D4292	165
Flash Point (COC)	-	°C	ASTM D92	205
Pour Point	-	°C	ASTM D97	-48
Density	@ 20°C	g/ml	ASTM 1250	0.858
Colour	-	-	-	Red
Foam Sequence I, II, III	-	mL	ASTM D892	20/0, 20/0, 20/0

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 authorised collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information

- > Technical advice may be obtained from your Puma Energy Representative.