



Product Data Sheet:

ATF MBF

Product Description:

ATF MBF is an ultra high-performance Automatic Transmission Fluid of latest generation and specially developed to improve shifting comfort for the new generation of Mercedes-Benz NAG2 Automatic Transmissions. **ATF MBF** is formulated with selected HVI base oils and special additive package and offers outstanding fuel-efficiency potential combined with increased friction stability.

ATF MBF offers excellent low temperature properties, optimised and stable viscosity gives potential for fuel economy and friction performance is constant over lifetime ensuring perfect gearbox operation. **ATF MBF** resists shudder and vibration even after high mileage, and ensures smooth operation. Additive components ensure aging and oxidation stability and can be used as a problem solver with gearboxes showing reduced shifting comfort.

ATF MBF is factory filled in the latest generation of Mercedes Benz (NAG 2) 7-speed automatic gearboxes (Model designation 722.9) and provides the required anti-wear and friction modifier additive systems to ensure proper function during the full lifetime of the gearbox. **ATF MBF** is backward compatible to products fulfilling the requirements of MB 236.12 and substitutes them in almost every application (refer to manufacturer filling instruction). **ATF MBF** is specially recommended for 5-speed transmissions with regulated torque converter lockup clutch for vehicles with rear wheel drive (model designation 722.6) for remarkable improvement of shifting quality. **ATF MBF** is also suitable for Chrysler Crossfire and other vehicles requiring **ATF MBF** or a product in compliance with MB 236.14. **ATF MBF** is also specified for the use in Ssang Yong vehicles equipped with MB-Transmissions.

ATF MBF is miscible and compatible with conventional branded ATFs. However, a complete oil change is recommended when converting to **ATF MBF** in order to exploit the product's full benefits.

Specifications:

Exceeds: MB 236.14, SSANG YONG (MB-Automatic transmissions)

Property:	Test Method:	Typical Values:
Density @ 15°C	ASTM D4052	850 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	29.6 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	6.5 mm ² /s
Dynamic Viscosity @ -40°C	ASTM D5293	8500 mPa.s
Viscosity Index	ASTM D2270	185
Flash Point (COC)	ASTM D92	200°C
Pour Point	ASTM D97	-51°C
Foaming Tendency Seq.I//II//III	ASTM D892	0/0//10/0//0/0
Colour	Visual	Red

Product nr: 4318

Date Issued: 09/08/2011

Date Superseded: -

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