



Technical Data Sheet

ATF 2

Automatic Transmission Fluid for MAN, Voith & ZF transmissions

ATF fluid suitable for automatic transmissions of many heavy vehicles and cars, power steering and hydraulic applications.

Applications & Benefits

- Oxidation Stability

The resistance to oxidation, conferred by additives to thermal stress, protects the gearbox, prevents the formation of sludge, lacquer and harmful deposits, favoring the cleaning of the system.

- Improved Protection

The combination of the first refining mineral bases and the additives allow a proven protection for the bronze and copper components.

- Cutting resistance

The specific additives to improve the viscosity index of the fluid ATF 2, guarantees a stable viscosity over time and temperature variations.

- Compatibility

Compatibility with a wide range of sealing elastomers helps prevent lubricant leaks due to deterioration of the seal.

- Versatility

Suitable for many types of automatic transmissions from OEM's European and North American OEMs. It is recommended for applications that require fluids that comply with Dexron®-II, Mercon®, as well as for ZF and Voith transmissions.

In addition to the listed standards, the ATF 2 lubricant can be used to replace the following fluids on the market:

- CASTROL ATF DEX II MULTIVEHICLE
- Shell Spirax S2 ATF AX
- Eni ATF IID

Specifications & Approvals

- Exceeds the specifications listed below:

DEXRON® IID
MB 236.6
Ford Mercon®
TASA
ZF TE-ML 02F
ZF TE-ML 03D
ZF TE-ML 11A
ZF TE-ML 14A, 04D
ZF TE-ML 17C

- Approvals:

VOITH H55.6335

Remember to always check the use and maintenance manual for the correct selection of the reference transmission fluid for your vehicle.

* For further information please contact the Technical Service.



Chemical-Physical Characteristics

Test	Method	ATF 2
Color	Visual	Red
Density @ 15°C, kg/dm ³	ASTM D 4052	0.855
Viscosity cSt @ 40°C cSt @ 100°C	ASTM D 445	35.0 6.5
Viscosity Index - Unit	ASTM D 2270	150
Flash point, °C	ASTM D 92	200
Pour point, °C	ASTM D 97	-39
Brookfield Viscosity, mPa·s @ -40°C	DIN 51389	50.000

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

Storage, Health & Environment

- Storage & Health

It is recommended to store the ATF 2 lubricant indoors. If, by necessity, the storage is carried out outdoors, it is recommended to place the stems, possibly under a roof, in a horizontal position and if kept in a vertical position cover them with a lid to avoid water infiltration. It is advisable not to store the packages at temperatures above 60°C or directly in the sun as it is good to keep them in places not subject to frost.

ATF 2 does not present health effects when used correctly, applying normal personal hygiene standards.

- Environment

Do not discharge new and/or exhausted lubricant into the sewage system, soil or watercourses. The used lubricant must be delivered to an authorized collection point.

Additional information

- Safety Data Sheet

It is supplied separately and must be considered for the relative information or can be easily downloaded from the website www.rilub.it

For further information contact the technical service:



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