



Transmax ATF Z

Automatic Transmission Fluid

Description

Castrol Transmax ATF Z, formulated with Smooth Drive Technology™, is a full synthetic automatic transmission fluid. It can solve shiftability problems in automatic transmissions, enabling longer transmission life. It is particularly recommended for use in automatic and semi automatic transmissions used in cars, buses and coaches. As such it is recommended for fleets employing a mixture of Voith, Renk, ZF, Allison and MB transmissions alongside the Leyland Pneumocyclic and Hydracyclic units. Extended oil drain [120.000 km] in ZF Ecomat and EcoLife, MB AT and Voith AT. Transmax ATF Z, formulated with Smooth Drive Technology™, delivers enhanced protection and gives drivers a smoother drive for longer.

Advantages

- Enhanced friction durability for smooth transmission performance.
- Enhanced wear protection to provide longer component life offers extended drain potential and lowers operating costs.
- Excellent thermal and oxidative stability to effectively resist oxidation and maintains operational efficiency for longer.
- Enhanced protection against deposits extends transmission life.
- Temperature reduction in severe service improves transmission and oil service life and helps reduce fuel consumption and emissions.
- Outstanding cold flow properties giving high protection to transmission especially at start-up.
- A problem-solver for gear shiftability issues with over 15 years of trouble-free field performance.

Typical Characteristics

Name	Method	Units	Transmax ATF Z
Density @ 15°C, Relative	ASTM D4052	g/ml	0.836
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	7.5
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	37.8
Viscosity Index	ASTM D2270	None	170
Viscosity, Brookfield @ -40°C (75W)	ASTM D2983	mPa.s (cP)	8400
Viscosity, Brookfield @ -26°C (80W)	ASTM D2983	mPa.s (cP)	2000
Viscosity, Brookfield @ -12°C (85W)	ASTM D2983	mPa.s (cP)	535
Pour Point	ASTM D97	°C	-66
Flash Point, COC	ASTM D92	°C	228

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Product Performance Claims

JASO 1A

MAN 339 V2, MAN 339 Z12, MAN 339 Z3

VW 501 60

ZF TE-ML 04D, 11B, 14C, 16M, 16S, 20C, 25C

MB-Approval 236.81

Voith H55.6336.xx

Special Claims Recommended for use where:

- Toyota T, T II, T III, T IV, WS
- Nissan Matic D, J, S
- Mitsubishi SP II, IIM, III, PA, J3, SP IV
- Mazda ATF M-III, M-V, JWS 3317, FZ
- Subaru F6, Red 1
- Daihatsu AMMIX ATF D-III Multi, D3-SP
- Suzuki AT Oil 5D06, 2384K, JWS 3314, JWS 3317
- Hyundai/Kia SP III, SP IV
- Aisin Transmissions requiring JWS 3309
- Honda/Acura DW 1/Z 1
- Isuzu (where Toyota T-IV is required)

is required.

Suitable for use in BMW, VW, Audi and Jaguar 5 speed automatic transmission and MB 4 and 5 speed automatic transmissions

User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Safety Data Sheet (MSDS) are followed. SDSs are available upon request through your sales contact office, or via the internet at www.castrol.com. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

Additional Information

Transmax ATF Z is registered under the following ZF approval number: ZF002158

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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