PRODUCT DATA SHEET

Pentosin ATF 1

All-Purpose Life Time ATF for Modern Automatic Transmissions

Description

Pentosin ATF 1 is a fully synthetic high performance Automatic Transmission Fluid (ATF) for life time application in automatic gear boxes.

Pentosin ATF 1 is formulated by means of the best commercially available synthetic base oils and additive components.
A high performance shear stable VI-Improver plus modern antiwear chemistry and friction modifiers guarantee a sound stable friction performance in modern automatic transmissions equipped with an electronically controlled converter clutch.

Pentosin ATF 1 surpasses all DEXRON III requirements by far. It is fully miscible and compatible with other DEXRON IID and DEXRON III ATFs, but does not show said superior performance when used blended. A complete oil change is highly recommended.

Quality Level

DEXRON III, DC ATF +4

Approvals

Voith Turbo acc. to H55.6336.35 for extended drain intervals 120,000 km for DIWA Transmissions: DIWA, DIWA.2, DIWA.3, DIWA.3E, DIWA.5
ZF TE-ML 04D, 11B, 17C

Product Classification

The product is not classified as dangerous.

Pentosin ATF 1	Typical Data		
	Unit	**Result**	**Method**
Appearance		bright and clear	DIN 10964
Density at 15 °C	kg/m³	850	DIN EN ISO 12185
Kinematic Viscosity at 100 °C	mm²/s	7,4	DIN EN ISO 3104
Kinematic Viscosity at 40 °C	mm²/s	37,0	DIN EN ISO 3104
Viscosity Index		171	DIN ISO 2909
Dynamic Viscosity at -40 °C	mPa*s	15000	ASTM D2983
Pour Point	°C	-51	ISO 3016
Taper roller bearing test, shear loss (20h)	%	9,6	CEC-L-45-A-99
Taper roller bearing test, viscosity after shear	mm²/s	6,8	CEC-L-45-A-99
FZG wear test A/8.3/90 // A/16.6/90	failure load stage	>12 // >12	DIN ISO 14635-1

While handling lubricants the relevant safety rules have to be taken into account. For more detailed information please see the current safety data sheet for this product.

This product may not be available at all locations. For more information, please call us at +49 4103-9134-0 or visit us at **www.pentosin.com**
Due to continual product research and development, the information contained herein is subject to change without notification. Typical data may vary slightly.