HARTOL



ATF MULTI SP-IV

Automatic transmission fluid

DESCRIPTION	 HARTOL ATF MULTI SP-IV is a synthetic red colored automatic transmission fluid, made from synthetic base oils and formulated with special friction modifiers to obtain the following properties : Very high and stable viscosity index Extremely low pour point Outstanding oxidation stability Effective protection against wear, corrosion and foaming Specific friction properties and consequently low noise and smooth switching Compatible with synthetic seals Rapid oil circulation during cold start. 	
APPLICATION	This fluid is suitable for automatic transmissions used in various North American, European and Asian cars that meet the specified requirements. While this multi-purpose ATF ensures the hardware protection for low viscosity specifications, it does not maximize fuel economy. Not suitable for Ford Type F, DCT or CVT applications.	
SPECIFICATIONS	 Aisin Warner JWS 3309/3324/ AW-1 Allison C4/TES-389/TES-295 JASO 1-A BMW 7045E/8072B/LA2634 / LT71141 DTFR 13C100/110/120/140/160/ 170/180/38B100 Ford Mercon V / XL-12 GM Dexron IID / IIIG / IIIH Honda DW-1/ATF-Z1 Hyundai/Kia JWS 3314 / NWS 9638 Hyundai/Kia SP-II/SP-III/SP- IV/SP-IV M/SP-IV RR MAN 339 Type L1/V2/Z2/Z11 Mazda ATF M-III/M-V 	 MB 236.1/.2/236.3/236.5/236.6 /236.7/236.9/236.10/236.11/236.12 /236.14/236.15/236.81/236.91/.93 Mitsubishi SP-II/SP-III/SP-IV/J2/J3 Nissan Matic D/J/K/S/W Subaru ATF/HP, Suzuki 3314/3317 Toyota T/T-II/T-III/T-IV Voith 55.6336 Volvo 97940 / 97341 (AT101) VW G 052 162 / 052 990 / 055 005 / 055 025/ G 055 162 / 055 540 ZF TE-ML 04D/05L/09/11A/11B /14B/16L/17C/20B

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Pour Point, °C



TYPICAL PROPERTIES	 Density at 15 °C, kg/l 	0,850
	 Viscosity 40 °C, mm²/s 	37,60
	 Viscosity 100 °C, mm²/s 	7,60
	 Viscosity Index 	176
	 Flash Point COC, °C 	220

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The data mentioned in this product information sheet are meant to enable the consumer to orient himself about the properties and possible applications of HARTOL products. Although this overview is composed with all possible carefulness on the stated date, the composer does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The consumer is advised, especially for critical applications, to make the final product-choice in consultation with the subject to continual product research and development, the information contained herein is subject to changes without notification. You can download a recent material safety data sheet of this product on our website <u>www.hartol.us</u>