



## UNITED ATF MV 99

### Product Description:

United ATF MV 99 is formulated with the synthetic base stock to address the multi vehicle needs of a universal Automatic Transmission fluid to fulfill equipments and power shifting tools' lubrication requirements. Carefully selected friction modifier contained in the United ATF MV 99 makes sure the correct friction characteristic for a wide variety of vehicles' auto transmission needs. Synthetically based and improved thermal-stability, corrosion prevention helps a hassle free, smooth running auto transmissions year around.

United ATF MV 99 is suitable for use in Ford Mercon V highest level as well as the General Motors ATF Dexron VI requirements. It also meets Jaso 1A for Japanese vehicle & the Allison C-4 specifications for power shifting usage and many other OEM claims. But it is not recommended for CVT, DCT or Ford Type F applications.

United ATF MV 99 exceeds each of the OEMs : Kia, Hyundai and Mitsubishi that require SP III type fluid. Alpha Romeo, Volkswagon, Fiat, Renault and Chevrolet that require Dexron III type fluid for some models.

### Applications / Benefits:

- ▣ Provides excellent oxidation and thermal stability. Long fluid life and long transmission life.
- ▣ Outstanding antiwear & friction properties, quiet operation and smooth shifting.
- ▣ Excellent viscosity stability(high VI), application in a wide variety of Auto Transmission.
- ▣ Much enhanced fluidity at very low temperature and severe high temperature service.

### Typical Characteristics:

Test Description	Method	
Specific Gravity @ 15 °C	ASTM D 4052	0.848
Flash Point, °C	ASTM D 92	198
Pour Point, °C	ASTM D 97	-45
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	38.3
cSt @ 100°C	ASTM D 445	7.41
Viscosity Index	ASTM D 2270	163
Viscosity, Brookfield @ -40°C mPa.s	ASTM D 2983	11,000
Appearance	Visual	Amber



## Specifications, Approvals & Recommendations:

Passenger Car - North American OEM	Ford MERCON® V	Approved
	Chrysler ATFs, MOPAR ASRC	SFU
	Ford Type F	No
	Ford 1982-1996 models	SFU
	Ford FNRS	SFU
	GM 2005 and previous models	SFU
Passenger Car - Asian OEM	Honda ATF Z-1	SFU
	Hyundai/Kia SP-II, SP-III, JWS 3314, JWS 3317	SFU
	Idemitsu K17 (JATCO)	SFU
	JASO 1-A	Approved*
	JWS 3309 (Aisin Warner)†	SFU
	Kia Red-1	SFU
	Mazda F-1, ATF-M III, ATF-MV	SFU
	Mitsubishi Diaqueen ATF J2	SFU
	Mitsubishi SP-II, SP-III	SFU
	Nissan 402, Nissan Matic-D, J, K	SFU
	Subaru ATF, ATF-HP	SFU
	Suzuki 3314, 3317	SFU
	Toyota T, T-II, T-III, T-IV†	SFU

SFU = Suitable for Use

\* Self-certified

† Except AWTF80-SC transmissions or MY 2008-2010 V70

Passenger Car - European OEM	Audi G 052 162, G 052 990, G 055 025	SFU
	BMW 7045E (3 Series), BMW 8072B (5 Series), LA 2634, LT 71141	SFU
	Mercedes-Benz 236.6	Approved
	Mercedes-Benz: MB 236.1, 236.2, 236.3, 236.5, 236.7, 236.9, 236.11, 236.81	SFU
	Mercedes-Benz MB 236.10 (NAG 1 / Shell 3403)	SFU
	Mercedes-Benz 236.8	No
	PSA AL-4	SFU
	Renault DP-0	SFU
	Saab 3309	SFU
	Texaco N402 (JATCO), ETL-7045E (BMW 7045E), ETL-8072B (BMW 5 Series)	SFU
	Volvo 4 speed (P/N 1161621)	SFU
	Volvo P/N 1161540/1161640†	SFU
	VW G 052 162, G 052 990, G 055 025	SFU
	ZF TE-ML 09, 11 (3/4/5 speed)	SFU
Other Transmission Applications	No	

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**Specifications, Approvals & Recommendations:**

Commercial Vehicle - North American OEM	Allison C-4	Approved
	Allison TES-389	SFU
	Allison TES-295 (100,000 miles)	SFU (PAO)
Commercial Vehicle - European OEM	MAN 339F, 339 Type V-1, 339 Type Z-1	Approved
	MAN 339 Type Z-2	Approved
	MAN 339 Type V-2	Approved
	MAN 339 Type Z-3	Approved (PAO)
	Mercedes-Benz 236.6	Approved
	Mercedes-Benz 236.1, 236.2, 236.3, 236.7, 236.9, 236.11, 236.81	SFU
	Mercedes-Benz 236.8	No
	Mercedes-Benz 236.91	SFU**^
	Voith H55.6335	Approved
	Voith H55.6336	Approved
Volvo 97340, 97341	Approved	

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^Subject to Proof of Performance testing

Commercial Vehicle - European OEM	ZF TE-ML 04D, 16L	Approved
	ZF TE-ML 16M	Approved (PAO)
	ZF TE-ML 03D, 05L, 17C	SFU
	ZF TE-ML 14A	Approved
	ZF TE-ML 14B	Approved
	ZF TE-ML 14C	Approved (PAO)
	ZF TE-ML 20B	Approved
	ZF TE-ML 20C	Approved (PAO)
	ZF TE-ML 21L	SFU
Commercial Vehicle - Asian OEM	Isuzu NPR ECO-MAX, NPR-HD, NPR-XD, NQR and NRR - SCS	SFU

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