Product Data Sheet

ATF EV



Product Description:

ATF EV is a premium quality fully-synthetic fluid specially designed for single and multispeed transmissions and gear cases from battery electric vehicles (BEV) and plug-in Hybrid vehicles (PHEV). ATF EV is suitable for both dry e-motor gear cases and wet e-motor applications with common lubrication for e-motor and transmission.

ATF EV is formulated with the highest quality full-synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Excellent gear protection
- Excellent anti-foaming properties
- Excellent electrical properties
- Excellent copper protection
- Very good anti-shudder properties and low temperature properties
- Very high Viscosity Index and shear stability ensures adequate lubrication over entire service life in both high operating & low starting temperatures.

ATF EV is suitable where the following specifications and part numbers are demanded:

VW G 060 190	**GM 955999825**	**BMW 83222295 532**	**BMW 83222413512**
BOT 448	**BOT 350M3**	**BOT 383**	**BOT 351 LV**
BOT 805 C EV	**Tesla KAF-1**	**Tesla EDF2**	**Tesla ATF-9**
MB 236.24	**SL2808**	**Volvo 31280771**	**PSA 1618078480**
Ford M2C949-A	**VW G 055 524**	**NB/SH/T 6042-2021**	

ATF EV is also suitable on the following specifications when used on BEV and PHEV applications:

Dexron VI	**Dexron ULV**	**Dexron HP**	**ATF SP III**
ATF WS	**Nissan Matic S**	**API GL-4**	**VW G 052 527**
MB 235.73	**Ford M2C938-A**	**Mercon LV**	**Mercon ULV**
Renault TRJ	**Renault NFP**	**Renault TRX**	**Renault NFX**
Honda ATF DW-1	**Mazda FZ**	**BOT 352 B1 BEV**	
Toyota e-Transaxle fluid TE		**Hyundai/KIA EV reducer oil**	

Property	Unit	Test Method	Typical Value
Color		Visual	Light-amber
Density @15°C	kg/m^3	ASTM D4052	827.1
Kin. Viscosity @40°C	mm^2/s	ASTM D7042	21.3
Kin. Viscosity @100°C	mm^2/s	ASTM D7042	4.9
Viscosity Index		ASTM D2270	166
Flash Point COC	°C	ASTM D92	184
Pour Point	°C	ASTM D7346	-60

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