



GERMAN ADLER GMBH

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PRODUCT INFORMATION **GERMAN ADLER ATF DSG F**

Synthetic High Performance special automatic transmission fluid, designed for the demanding anti-wear and friction behavior requirements of modern double clutch gear transmissions.

Description

GERMAN ADLER ATF DSG F is a high-performance double clutch transmission fluid based on a special base oil blend made from HC-synthesis base oils and fully synthetic PAO (Poly-Alpha-Olefin), in combination with highest quantity of additives.

Application

GERMAN ADLER ATF DSG F has been tailored to the special requirements of wet double clutch transmissions. Its optimized friction system provides slip-free high torque transmission rates and thus provides spontaneous and sporty shifting during the whole drain interval. The special base oil matrix provides stable friction level maximum wear protection even under the most severe conditions no matter if arctic cold or lazing heat.

In compliance to EEC regulations the quality of GERMAN ADLER ATF DSG F is equivalent to the following standards / specifications:

- Audi / Volkswagen / Seat / Skoda - G 052 182 A2/A6 (TL 52 182), G 052 529 A2/A6 (TL 52 529), G 055 529 (TL 52 529-C)
- BMW - DCTF-1 (83 220 440 214), DCTF-1+, DCTF-2, BMW 6-Speed DCT, MTF-LT-5 (83 22 2167 666), 83 22 2147 477, 83 22 2 148 578, 83 22 2 148 579 and 83 22 2 446 673
- Borg Warner
- BYD DCTs, Q/Byd-A1909.0058-2013
- Bugatti Veyron
- Citroen / Peugeot- 6DCT451 (PSA 9734.S2)
- Changan DCTF
- Chrysler Powershift 6-Speed (Getrag), 68044345 EA & GA
- Eaton PS-278
- Ferrari 7-Speed (Getrag),- TF DCT-F3
- Fiat 9.55550-MZ6
- Ford WSS-M2C200-D2/ XT-11-QDC
- Ford/Nissan Powershift 6-Speed (GFT), Ford - WSS-M2C-936-A, part # 1490763/1490761
- Ford WSS-M2C218-1A, -F-DC, part # KU7J M2C218AA
- Geely 7 Speed
- Mercedes Benz - MB 236.25, MB 236.21, MB 236.22, MB 236.24 and MB 239.21
- Mitsubishi - TC-SST 6-Speed (GFT), MZ320065 DiaQueen SSTF-1
- DCT Transmissionoil for ZF
- Peugeot/Citroen DCS 6-Speed, 9734.S2
- Porsche - 043 207 29, 043 207 30, 000 043 20, 000 043 305 13, 999 917 080 01
- Porsche - 000 043 210 44, 971 094 307 02A
- Renault 77 11 785 243 (DW5)
- Renault EDC 6-Speed (Getrag), EDC 7
- Renault - BOT 450
- Volvo Powershift 6-Speed (GFT)/1161838/1161839
- VW G 052 536, 055 536
- VW Audi G 052 512
- VW (Audi, Seat, Skoda) 6-Speed
- VW/Audi TL 52529/G 052 529 A2 or A6 (fluid) / DSG 7= S-tronic 7/ 7-Speed VW (Audi, Seat, Skoda)
- VW/Audi G 055 529 A1/A2/A6
- VW/Audi TL 521 82/G 052 182 A2 or A6 (fluid)
- ZF TE-ML 11 (ZF004743)
- ZF Lifeguard Fluid 8.2

Advantages/Benefits

- Adapted friction behavior for spontaneous and sporty shifting operation
- Outstanding friction stability during the whole drain interval
- Best anti-wear-properties for reliable operation and maximum lifetime
- Excellent low temperature shifting performance
- Outstanding ageing and oxidation stability due to selected HC-synthesis and fully synthetic PAO base oils in combination with extraordinary additive technology

- Reduced foaming tendency
- Reliable prevention of corrosion, wear and deposits
- Good sealing compatibility
- Miscible and compatible with other branded double clutch transmission fluids of the same performance. To make use of the full performance benefit of GERMAN ADLER ATF DSG F a complete oil change is recommended

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m ³	848	DIN 51 757
Viscosity at 40°C	mm ² /s	38	DIN 51 562
Viscosity at 100°C	mm ² /s	8	DIN 51 562
Viscosity index		172	DIN ISO 2909
Dynamic Viscosity at -40°C		<18.000	DIN 51 938
Pour point	°C	-45	DIN ISO 3016
Flash point COC	°C	>200	DIN ISO 2592
Colour		Colourless	

The above data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! The characteristic data indicated are subject to the repeatability and reproducibility of the given test methods.