



Motorenöle

Motor oils

Getriebeöle

Gear oils

**Zweitaktöle und
Traktorenöle**

*Two-stroke oils and
tractor oils*

Hydrauliköle

Hydraulic oils

**Industrie- und
Spezialschmierstoffe**

*Industrial and
specialty lubricants*

PENNASOL SUPER FLUID ATF DCT

PENNASOL SUPER FLUID ATF DCT is a high-quality gear oil specially developed for oil lubricated (wet clutch) dual clutch transmissions.

PENNASOL SUPER FLUID ATF DCT offers a compromise between the characteristics of a first-class MTF (Manual Transmission Fluids) with its high demands on friction coefficient behavior, wear protection and a high-performance ATF (Automatic Transmission Fluid).

Application advantages of PENNASOL SUPER FLUID ATF DCT:

- Optimum protection against wear, corrosion, sludge and sticking
- Optimally adapted friction coefficient behaviour
- Excellent viscosity-temperature behaviour
- Safe lubricity at low temperatures
- Stable lubricating film under extreme loads
- Low foaming tendency even under toughest conditions
- Neutral (no influence) to sealing materials
- Use of high-quality HC-synthesis base oils of the API base oil category III

Meets/suitable for use:

(Meets the requirements of the OEM-Approval. An approval by name from the manufacturer is not present.)

Audi / Seat / Skoda / Volkswagen	VW TL 052 182, VW TL 052 529
BMW (Getrag)	83 22 2 148 578, 83 22 2 148 579, 83 22 0 440 214, 83 22 2 147 477 (BMW DCTF-1)
Chrysler	68044345EA
Citroen / Peugeot	9734.S2
Ferrari	TF DCT-F3
Fiat	BOT 341
Ford / Getrag / Nissan	Ford M2C936A
Mercedes-Benz	MB 236.21, MB 236.25
Mitsubishi	Dia-Queen SSTF-I (MZ320065)
Porsche (ZF)	FFL-3
Renault	BOT 450
Volvo	1161838, 1161839



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Typical characteristics PENNASOL SUPER FLUID ATF DCT:

(The given data are typical data. Please observe operating prescriptions.)

Parameter	Method	Unit	
Density 15 °C	DIN EN ISO 12185		0.852 – 0.862
Kin. viscosity @ 100 °C	DIN 51562-1	mm ² /s	6.5 – 7.5
Viscosity index	DIN ISO 2909		163
Total Base Number	DIN ISO 3771	mg KOH/g	6.1
Brookfield @ -40°C	ASTM D 2983	mPa*s	12,000
Flash point COC	DIN ISO 2592	°C	min. 180
Pour Point	DIN ISO 3016	°C	-48

Available Packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
PENNASOL SUPER FLUID ATF DCT	•	•	•		•			•

¹Version 1 – 07/2018

¹ This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AVISTA OIL or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale.