



# RAVENOL Transfer Fluid BW 44



1L | 1211147-001

**Kategorie:** Gear oil for manual transmissions and drive axis

**Artikelnummer:** 1211147

**Specification:** Mopar 68089195AA

**Oil type:** Full synthetic

**Recommendation:** BorgWarner 44-40, BorgWarner 44-44, BorgWarner 44-45 bis 2016, BorgWarner 44-46, BorgWarner 44-47, BorgWarner 44-48, Chrysler 300C LX, Chrysler Verteilgetriebe 68214750AC, Chrysler Verteilgetriebe 68214751AB, Chrysler Verteilgetriebe 68214751AC für 300C LX, MB 236.13 (A 001 989 23 03), Mercedes A 001 989 22 03, Mercedes Verteilgetriebe A2032800700, Mercedes Verteilgetriebe A2112800900, Mercedes Verteilgetriebe A2112801000, Mercedes Verteilgetriebe A2202800700, Mopar 68049954AC / 68049954AA

**RAVENOL Transfer Fluid BW 44** is a PAO (Poly-alpha-olefin) based, full synthetic transfer fluid with a special additive and inhibition, which ensure the proper functioning of the active transfer case.

**RAVENOL Transfer Fluid BW 44** is a full synthetic gear lubricant for use in electronically controlled active transfer case.

**RAVENOL Transfer Fluid BW 44** ensures optimum power transmission.

## Application Note

**RAVENOL Transfer Fluid BW 44** was developed for use in Borg-Warner transmission systems BW 44-40 and BW 44-44 from 2016.

**RAVENOL Transfer Fluid BW 44** provides a stable viscosity even under the highest loads. It is particularly suitable when a specification according to MB 236.13 is required for Mercedes A001 989 23 03; Mercedes transfer case A2202800700, A2112801000, A2112800900, A2032800700, A2112801000, A2112800900, A2032800700 for 4Matik S-Klasse W220, E-Klasse W211, C-Klasse W203. Also suitable for Chrysler transfer case 68214750AC, 68214751AB, 68214751AC for Chrysler 300C LX, Dodge Charger LX/LD, Dodge Magnum LX.

## Characteristics

- Very good lubricating ability even at very low temperatures in winter
- A high, stable viscosity index
- Very good oxidation stability
- Protection against wear, corrosion and foam formation
- Good balanced coefficient of friction
- Neutral towards sealing materials
- Neutral behavior by inhibition compared with non-ferrous metals

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	846,0	EN ISO 12185
Colour		gelb	DIN 51757
Viscosity at 100 °C	mm <sup>2</sup> /s	7,2	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	37,2	DIN 51562-1
Viscosity Index VI		162	DIN ISO 2909
Brookfield Viscosity at -40 °C	mPa*s	7900	ASTM D2983
Pourpoint	°C	-66	DIN ISO 3016
Seq. I at 24 °C	ml/ml	0/0	ASTM D892
Seq. II at 93,5 °C	ml/ml	0/0	ASTM D892
Seq. III at 24 °C after 93,5 °C	ml/ml	0/0	ASTM D892
VKA Four Ball Test (Wear)	mm	0,34	DIN EN ISO 20623
VKA Four Ball Test (EP Extreme Pressure)	N	2200 / 2400	DIN EN ISO 20623
	mm <sup>2</sup> /s	35,84	DIN EN ISO 20844
	mm <sup>2</sup> /s	6,619	DIN EN ISO 20844
Copper Strip Test at 150 °C		1a	ASTM D130
Flashpoint	°C	240	DIN EN ISO 2592
Noack Volatility	% M/M	6,9	ASTM D5800

All indicated data are approximate values and are subject to the commercial fluctuations.

RAVENOL special transmission fluids are special developments for special gears and cannot be selected on the basis of technical parameters (viscosity, etc.). Therefore the decision was made not to give technical data. Please note: RAVENOL special transmission fluid is exclusively to apply under the original number, as indicated in the product information. If you are unsure about the right transmission fluid, ask your workshop or dealership for advice on the transmission type and OEM original number or ask our experts, making sure to state the VIN code (vehicle identification number) of your vehicle. Misapplication of RAVENOL special transmission fluid can lead to malfunction of the transmission shifting problems, increased fuel consumption, unwanted slip behavior, etc. and cause the failure of the transmission. Ravensberger Schmierstoffvertrieb GmbH is not liable for transmission failures in case of wrong selection of RAVENOL special transmission fluid.