



RAVENOL EV-Synto Extra Fluid 70W E-TF

Kategorie: Gear oil for manual transmissions and drive axis

Artikelnummer: 1215101

Oil type: Full synthetic



RAVENOL EV-Synto Extra Fluid 70W E-TF is a full synthetic oil that has been specially developed for the requirements of modern electric vehicles. Selected additives ensure good electrical resistance and dielectric properties.

The special formulation reduces the energy requirement and at the same time protects the electrical components in the drive train. **RAVENOL EV-Synto Extra Fluid 70W E-TF** minimizes friction and wear and thus ensures a long service life of the vehicle. It lubricates and cools the various components of electric vehicles.

Application Note

RAVENOL EV-Synto Extra Fluid 70W E-TF is ideally suited for year-round use in all modern electric vehicles. The special additives meet the requirements of many OEMs.

Developed for:

Reduction gearboxes in dry and wet engine systems from: Honda, BMW (i-Line), Mini, Mitsubishi, Fiat, Hyundai, Dong Feng, Geely, Chery, Kia, Tesla, Volvo, Nio, Lotus, Rimac, Rivian, Polestar (Manufacturer's instructions must be followed)

First flush the transmission with

RAVENOL EV-Synto Extra Fluid 70W E-TF and then fill it with fresh oil. Follow the manufacturer's instructions!

Characteristics

- Dielectric properties
- Good electrical resistance
- High wear protection
- Excellent material compatibility
- Very good corrosion protection
- Long service life due to high oxidation stability

1L | 1215101-001

4L | 1215101-004

10L | 1215101-010

20L | 1215101-020

20L | 1215101-B20

60L | 1215101-060

60L | 1215101-D60

208L | 1215101-208

208L | 1215101-D28

1000L | 1215101-700

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	844,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm²/s	5,6	DIN 51562-1
Viscosity at 40 °C	mm²/s	23,0	DIN 51562-1
Viscosity Index VI		196	DIN ISO 2909
Pourpoint	°C	-72	DIN ISO 3016
Flashpoint	°C	176	DIN EN ISO 2592
Low Temp. Pumping viscosity (MRV) at -55 °C	mPa*s	19.400	ASTM D2983
Specific electrical conductivity at 0 °C	nS/m	2,8	DIN EN 60247
Specific electrical conductivity at 20 °C	nS/m	8,4	DIN EN 60247
Specific electrical conductivity at 80 °C	nS/m	82,9	DIN EN 60247
Specific electrical conductivity at 140 °C	nS/m	322,5	DIN EN 60247
Thermal conductivity at 0 °C	mW/m²K	147,2	ASTM D7896
Thermal conductivity at 20 °C	mW/m²K	142,4	ASTM D7896
Thermal conductivity at 60 °C	mW/m²K	136	ASTM D7896
Thermal conductivity at 100 °C	mW/m²K	130,4	ASTM D7896
Thermal conductivity at 140 °C	mW/m²K	125,9	ASTM D7896
Specific heat capacity at 0 °C	J/g°K	1,9	ASTM D7896
Specific heat capacity at 20 °C	J/g°K	1,9	ASTM D7896
Specific heat capacity at 60 °C	J/g°K	2,1	ASTM D7896
Specific heat capacity at 100 °C	J/g°K	2,2	ASTM D7896
Specific heat capacity at 140 °C	J/g°K	2,4	ASTM D7896
Breakdown Voltage	kV	55,5	IEC 60156

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.