



RAVENOL EV-Synto Extra Fluid 70W E-TF



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

Kategorie: Gear oil for manual transmissions and drive axis

Artikelnummer: 1215101

Oil type: Full synthetic

Recommendations: BOT 805C EV, ON EV W1, VW G 053 013 M2

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 instructions

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, VW, 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

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm ² /s	5,6	DIN 51562-1
Viscosity at 40 °C	mm ² /s	23,0	DIN 51562-1
Viscosity Index VI		196	DIN ISO 2909
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/m?K	147,2	ASTM D7896
Thermal conductivity at 20 °C	mW/m?K	142,4	ASTM D7896
Thermal conductivity at 60 °C	mW/m?K	136	ASTM D7896
Thermal conductivity at 100 °C	mW/m?K	130,4	ASTM D7896
Thermal conductivity at 140 °C	mW/m?K	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
Density at 20 °C	kg/m ³	844,0	EN ISO 12185
Flashpoint	°C	176	DIN EN ISO 2592
Low Temp. Pumping viscosity (MRV) at -55 °C	mPa*s	19.400	ASTM D2983
Pourpoint	°C	-72	DIN ISO 3016