

ON EV Transmission Fluid W2

EV Transmission Fluid

Description

Castrol ON EV Transmission Fluid W2 is a full synthetic, high performance, high efficiency fluid for transmissions with wet e-Motors, i.e., where the e-motor operates immersed in the EV Transmission Fluid. It is an advanced EV Transmission Fluid that helps extend the life of the drivetrain system and go further¹ on a single charge. This next generation transmission fluid has specially developed, low viscosity technology that delivers low electrical conductivity, enhanced system protection and helps the e-motor run cooler enabling it to operate at high efficiency.

¹vs mass market EV factory fill fluid *Castrol EV Fluids benefits are demonstrated in bespoke testing and development.

FOR PROFESSIONAL USE ONLY

Advantages

1. Outstanding dielectric properties:
 - o low conductivity
 - o high resistance
 - o high breakdown voltage
2. Excellent copper corrosion protection
3. Excellent pumpability at low operating temperatures
4. Exceptional cold flow properties
5. Excellent thermal and oxidative stability
6. Exceptional temperature reduction through reduced friction
7. Very good gear protection
8. Excellent thermal properties

**please check with your vehicle manufacturer for the right type of fluid for your electric vehicle*

Typical Characteristics

Name	Method	Units	ON EV Transmission Fluid W2
SAE Grade		-	75W
Density @ 15C, Relative	ASTM D4052	g/ml	0.851
Viscosity, Kinematic 100C	ASTM D445	mm²/s	5.5
Viscosity, Kinematic 40C	ASTM D445	mm²/s	18
Viscosity Index	ASTM D2270	None	300
Viscosity, Brookfield @ -40C (75W)	ASTM D2983	mPa.s (cP)	2200
Pour Point	ASTM D97	°C	-51
Flash Point, COC	ASTM D92	°C	234
Foam Tendency , Seq I / II / III	ASTM D892	ml	0 / 10 / 0

Storage

The product is recommended be stored at temperatures >7°C as one of the components may precipitate out of the finished product between 0 and 7°C All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun.

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