



Product Data

Castrol ON EV Transmission Fluid D2

Fluid for transmissions with dry e-Motors

Description

Castrol ON EV Transmission Fluid D2 is a full synthetic, high performance, high efficiency fluid for transmissions with dry e-Motors. It is an advanced EV Transmission Fluid that helps extend the life of the drivetrain system and helps vehicles go further¹ on a single charge. This next generation transmission fluid supports the requirement towards increasing torque levels and maximum efficiency.

** Castrol EV Fluids benefits are demonstrated in bespoke testing and development.*

¹ vs mass market EV factory fill fluid.

Application

Castrol ON EV Transmission Fluid D2 is suitable for the following vehicles:

BYD EV models with Dry motor
Hycan Z03
Jaguar I-Pace
Lixiang One
Nio ES6, ES8, EC6, ET7
Polestar 2
Rimac Nevera (Rear motor)
Rivian R1T, R1S
Pininfarina Battista (Rear motor)
Tata Tigor, Limber
Volvo XC40 Recharge, C40 Recharge
Weltmeister W6
Xpeng P7, G9

Advantages

- Excellent balance of reduced fluid viscosity and extremely good gear and bearing protection
- Very good cold flow properties
- High shear stability
- Excellent thermal and oxidative stability

Typical Characteristics

Name	Method	Units	ON EV Transmission Fluid D2
Density @ 15C	DIN EN ISO 12185	g/ml	0.852
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	6.3
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	32.2
Viscosity Index	ISO 2909	None	154
Viscosity, Brookfield @ -40C (75W)	DIN 51398	mPa.s (cP)	10000
Pour Point	ISO 3016	°C	-57
Flash Point, COC	ISO 2592	°C	226

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08 Feb 2022

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