

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 go further^{1*} 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 designed for use in the transmissions of EVs with a 'dry' motor.

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)	10.000
Pour Point	ISO 3016	°C	-57
Flash Point, COC	ISO 2592	°C	226

Performance

Suitable for use in the following EV transmissions with dry motors:

Audi Q3 e-tron, Q4 e-tron, Q5 e-tron
BYD ATTO 3, HAN, DOLPHIN
Cupra Born
Hongqi E-HS
Hycan Z03
Jaguar i-Pace
Lixiang One
Nio EC6, EL6, EL7, ES6, ET5, ET7
Pininfarina Battista (rear axle)
Polestar 2
Rimac Nevera (rear axle)
Rivian R1S, R1T
SEAT Mii
Skoda Citigo-E iV, Enyaq iV
Smart EQ ForTwo, EQ ForFour
Volvo XC40 Recharge, C40 Recharge
VW iD.3, iD.4, iD.5, iD.6, iD.Buzz
VW e-Up!, e-Golf
Weltmeister W6
Xpeng P7, G9

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