

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

Storage

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 or freezing conditions.

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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com