



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 electric 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

Castrol ON EV Transmission Fluid D2

12 Jul 2022

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Wakefield Canada, Limited, 3620 Lakeshore Blvd West, Toronto, Ontario, Canada - M8W 1P2

Plant Office: 3660 Lakeshore Blvd West, Toronto, ON M8W 1P2 -

Phone 1-800-268-5339 Fax 416-252-7315 Plant Office telephone: 1 800 268-5339 Trade: 1 888 CASTROL Consumer: 1 800 CASTROL Technical Inquiries: 1 800 462-0835

E-mail info@wakefieldcanada.ca Website www.wakefieldcanada.ca www.castrol.com

Page: 2/2