



E-Drive 45

High-performance synthetic transmission fluid

Product description

E-Drive 45 is a high-performance synthetic transmission fluid that contributes to the efficient operation of transmissions of electrical vehicles equipped with modular ("dry") and integrated ("wet") electric motors.

Customer benefits

- Designed to provide good gear protection and effective copper corrosion protection helping to ensure component compatibility
- Formulated for effective oxidation stability, offering extended fluid service life
- Optimised viscosity helps provide high motor efficiency
- Advanced formulation designed to help keep components clean over long drain intervals

Product highlights

- **Designed to provide good gear protection**
- **Formulated for effective oxidation stability**
- **Optimised viscosity to help improve efficiency**
- **Advanced long-drain keep clean performance**

Selected specification standards include:

Nidec Motor E-Axle	
--------------------	--

Applications

- Electrified vehicles with modular and integrated electric motors – passenger cars and SUV's.
- Vehicle configurations include battery electric vehicles (BEV's) with both with modular ("dry") and integrated ("wet") designs, and in Plug-In Hybrid vehicles. The friction properties of the fluid ensure compatibility with designs that incorporate synchronizers and disconnect clutches. Recommendations may differ between engine manufacturers, so please consult driver manuals and/or dealers if in doubt.

Approvals, performance and suitable for use

Performance

- Nidec Motor E-Axle

Typical test data

Test	Test Methods	Results
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.8412
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	4.5
Pour Point, °C	ASTM D5950	-56
Flash Point, COC, °C	ASTM D92	205
Volume Resistivity @ 80 °C, MΩm	ASTM D1169	39

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

A **Chevron** company product