

Quartz EV-Drive MP 3.1

High-Performance Multi-Purpose lubricant for Electric drivetrains

KEY DATA

Quartz EV-Drive MP 3.1 is a synthetic fluid especially designed for reducers, electric engines and power electronics in use within electric drivetrains.

This product fits perfectly with the most stringent requirements in latest generation of Electric Vehicles.



Electrification type:
Fully Electric Vehicles

Approvals:
Upon request



Application:
Reducers, electric engines & power electronics

Customer Benefits:

- Especially formulated for electric applications to protect against short circuits and static electricity.
- Provides optimal temperature control even at sharp acceleration and fast charging operations.
- Shows excellent anti-wear properties ensuring durability for gears and rolling bearings rotating at very high speed.
- Maintains excellent compatibility with copper coils and polymer materials used in electric engines.

EV FLUID TECHNOLOGY

Insulat.Ion Augmented

Improves electric protection.

Insulat-Ion Augmented technology insulates electric and hybrid circuits' components, to reduce wear, prevent shortcuts, and improve vehicle performance.

Insulat-Ion Augmented technology has been designed to address specific electrical, thermal and friction constraints of electric and hybrid powertrains.



CHARACTERISTICS¹

TEST	UNIT	TEST METHOD	RESULT
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	4.2
Flashpoint	°C	ASTM D92	215
Pour point	°C	ASTM D97	-48
Density	Kg/m ³	ASTM D4052	836

¹ The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.



TotalEnergies Lubricants / Last update of this datasheet: October 22 / Quartz EV-Drive MP 3.1.

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.totalenergies.com.