



Swd Rheinol Synkrol EV-Axle

For Wet and Multi-speed eAxles

Description and Properties

Swd Rheinol Synkrol EV-Axle is a synthetic technology transmission fluid specially developed for electric vehicles equipped with single and multispeed e-Axles.

It is highly effective and demonstrates excellent EP and anti-wear performance, providing sufficient gear and bearing protection. It has excellent electrical insulation performance and material compatibility with copper, other non-ferrous metals, and its alloys used in modern electric vehicles.

Excellent electrical properties and outstanding thermal properties are found in both dry and wet e-Axle systems.

It provides robust performance and protection to delicate hardware of all e-Axle types even under extreme conditions.

Swd Rheinol Synkrol EV-Axle provides:

- optimal temperature control
- excellent anti-foaming and air release properties
- higher gear efficiency contributes for improvement in e-Axle efficiency.
- material compatibility with copper coils, non-ferrous metals, and other materials.
- superior oxidation stability & Stable friction durability

Swd Rheinol Synkrol EV-Axle is recommended for use in all electric vehicles equipped with wet/ dry, single/ multi-speed e-Axles

Specifications / Recommendations

Audi eTron and eTron Sportback	MB EQC
BAIC EU-Series	MB EQV
BYD Qin Pro EV	MB E-Sprinter
BYD BOT 384	MG MG5 EV
ChangAn	Nio ES6/8, EC6, ET7
Chevrolet Volt	Nissan Leaf
Chevrolet Bolt	Nissan e-NV200
Chevrolet Bolt EUV	Opel Ampera E
Chevrolet Spark	Polestar Model 2
Ford E-Transit	Porsche Taycan 4S
Ford Focus Electric	Renault Zoe Z.E.
Ford Mustang Mach E	Renault Fluence Z E.
Ford F-150 Lightning (2022)	Renault Kangoo Z.E., Twizy
GAC Aion S/LX/V	SAIC MG ZS EV
Geely	Scion iQ EV
GMC Hummer EV	Tesla Model 3
GWM with BorgWarner dry eAxles	Tesla Model 3 Dual Motor
Honda Clarity FCEV	Tesla Model S
Honda e and e-Advance	Tesla Model X
Honda Fit EV	Tesla Model Y
Hyundai Ioniq	Tesla Model X90D

Kia e-Niro
Lexus RX
Lexus UX300e
Lucid Air
Mazda MX-30
MB EQA

Toyota bZ4X
Toyota Mirai
Volvo XC40 (BEV only, SUV)
VW e-Golf
XiaoPeng G3

Typical Properties

Swd Rheinol Synkrol EV-Axle	unit	value	method
Density at 15°C	kg/m ³	850	DIN 51 757
Viscosity at 40°C	mm ² /s	22,4	DIN 51 562
Viscosity at 100°C	mm ² /s	5	DIN 51 562
Viscosity Index		161	DIN ISO 2909
Pourpoint	°C	-54	DIN ISO 3016
Article-No. :		3xxxx	

Specification variations in these characteristics may occur.
The instructions of manufacturer must be regarded.
Further information to be available by MSDS.

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