



Mobil EV Cool Drive 301

Mobil Passenger Vehicle Lube , 中国

Integrated Electric Motor / Reduction Gearbox Fluid

Product Description

Mobil EV Cool Drive 301 is a high performance fluid combining optimum lubrication characteristics and heat transfer capabilities for use in electric powertrain applications, where thermal management and compatibility with electrical components is equally important as lubrication of critical parts in motion

Features and Benefits

Advantages offered by Mobil EV Cool Drive 301:

- High volume resistivity helps minimize the risk of electric short circuits and allows for direct contact with electrical components
- Compatible with conductive and insulating materials
- Extended fluid life through superior thermal-oxidative stability and outstanding resistance against sludge and deposit formation
- Excellent corrosion protection and thermal-oxidative stability to maintain system cleanliness over equipment life

Further

Helps your vehicles to drive further distances between charges by reducing drag and churn.

Longer

Helps prolong the life of your electrified vehicles, protecting components from wear, while helping prevent your electric motor from overheating. Helps extend the life of your gears/gearbox, bearings, & electric motor.

Safer

Helps keep your vehicles and components running safely. Designed to be compatible with conductive and insulating materials, Mobil EV Cool Drive 301 can help reduce the risks of short circuits and static discharge.

Applications

Mobil EV Cool Drive 301 is designed for use in electric vehicle reduction gearboxes with and without integrated electric motor, balancing lubrication performance with cooling properties for electric components

Properties and Specifications

Property	
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	24.9
Pour Point, °C, ASTM D97	-54
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	6700
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	5.2
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	Max = 1B
Flash Point, °C, ASTM D92	224

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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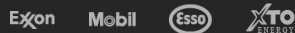
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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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