Mobil

Mobil EV Cool Drive 303

Mobil Passenger Vehicle Lube , United States

Integrated Electric Motor / Reduction Gearbox Fluid

Product Description

Mobil EV Cool Drive 303 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

• High volume resistivity helps minimize the risk of electric short circuits, static discharge, and allows for direct contact with electrical components

• Designed to be 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

• Provides excellent friction control, suitable for select clutch plate operated shift devices



Maintains excellent viscosity control over a wide range of temperatures, reducing viscous drag, which in turn helps vehicles go further between charges.



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.



Helps keep your vehicles and components running safer.

Applications

Mobil EV Cool Drive 303 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	
Pour Point, °C, ASTM D5949	-54
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	27
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	5.7
Density @ 15.6 C, kg/m3, ASTM D4052	835
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	8000
Copper Strip Corrosion, 3 h, 150 C, Rating, ASTM D130	1B
Flash Point, Cleveland Open Cup, °C, ASTM D92	233

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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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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