



Shandong Ribang New Energy Technology Co., Ltd.

Technical Data Sheet (TDS)

Product Model: Transmission Fluid for Electric/Hybrid Vehicles

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Basic Product Information

Product Name: Transmission Fluid for Electric/Hybrid Vehicles (Yellow)

Specification Grade: Complies with Q/RBSH 101-2021 standard, and meets the specification requirements of JASO M315 and other relevant standards.

Product Description

Formulated with deeply refined high viscosity index base oil and blended with special additives, this product is suitable for dedicated hybrid transmissions (including electric drive units) of various Hybrid Electric Vehicle (HEV) and Plug-in Hybrid Electric Vehicle (PHEV) models. It meets the transmission fluid standards for hybrid vehicles and improves shifting smoothness, power transmission efficiency and durability.

Performance Level

Wear Resistance and Material Compatibility:

With reasonable material compatibility, the product delivers highly stable power output. Its excellent wear resistance effectively extends the service life of the transmission.

Foam Resistance:

The product features outstanding foam suppression performance. It can rapidly eliminate foam generated during system operation, avoiding problems such as unstable transmission pressure and delayed power transmission caused by foam.

Viscosity and Viscosity-Temperature Characteristics:

The product possesses proper viscosity and excellent viscosity-temperature performance. It delivers great low-temperature fluidity, meeting the operating requirements of equipment under both high and low temperature conditions, and provides all-round protection for equipment right from startup.

Rust & Corrosion Protection and Oxidation Stability:

Adopting a high-quality formula, the product has superior rust and corrosion protection properties to effectively safeguard metal components in the gear system. It also offers excellent oxidation stability, greatly prolonging equipment service life, oil service life and oil drain interval.

Application Scope and Compliance Specifications

Q/RBSH 101-2021, JASO M315

Application: Complies with the oil standard requirements for dedicated hybrid transmissions of various Hybrid Electric Vehicle (HEV) and Plug-in Hybrid Electric Vehicle (PHEV) models.

For viscosity selection and oil change intervals, please refer to the vehicle owner's manual or the original manufacturer's recommendations.

Typical Physical and Chemical Performance Indicators

Performance	Typical Values	Unit	Test Method
Density (20°C), g/cm ³	0.835	g/cm ³	SH/T 0604
Kinematic Viscosity (40°C), cSt	-	cSt	GB/T 265
Kinematic viscosity (100°C), cSt	6.01	cSt	GB/T 265
Pour point, °C	-45	°C	GB/T 3535
Flash point (open cup), °C	210	°C	GB/T 3536

Data in this Technical Data Sheet are typical laboratory average values for technical reference only and shall not constitute a quality commitment or acceptance basis. The company reserves the right to optimize the formulation and fine-tune specifications to ensure the product consistently meets the requirements of Q/RBSH 101-2021.

Typical product values may vary slightly due to production batches in the future without affecting the core performance of the product.

Packaging Method: Drum

- **Handling/Storage Precautions:**
- **Follow standard lubricant handling procedures.**
- **Store in a well-ventilated, dry location, away from high temperatures and direct sunlight.**
- **For detailed data, please refer to the relevant MSDS.**
- **For additional information, contact Ribang Company.**

July 10, 2026

Disclaimer:

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