Shandong Ribang New Energy Technology Co., Ltd.

Technical Data Sheet (TDS)

Product Model: Fully Synthetic CVT Fluid

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Basic Product Information

Product Name:CVT (Yellow)

Specification Grade:Complies with Q/RBSH 101-2021 standard and meets the requirements of JASO CVT-1 specification.

Product Description

Formulated with deeply refined high viscosity index base oil and blended with special additives, this product is suitable for steel belt and steel chain type continuously variable transmission (CVT) systems. It features a dedicated static friction coefficient and high anti-slip performance, providing lubrication, cooling, sealing and rust prevention functions. It is strictly prohibited to mix with other types of transmission fluid. It improves shifting smoothness, power transmission efficiency and durability.

Performance Level

Friction Resistance and Material Compatibility:

The product features excellent material compatibility to deliver highly stable power output. With optimal friction coefficient and high anti-slip performance, it effectively prolongs 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:

This product features moderate viscosity and outstanding viscosity-temperature performance, delivering excellent low-temperature performance and fluidity. It satisfies the operating requirements of mechanical equipment under both high and low temperature conditions, and provides comprehensive protection for equipment immediately upon start-up.

Rust & Corrosion Protection and Oxidation Stability:

Adopting a high-quality formula, the product features excellent rust and corrosion resistance, which can effectively protect components in the transmission system. It also delivers outstanding oxidation stability, effectively extending the service life of equipment, oil service life and oil drain interval.

Application Scope and Compliance Specifications

Q/RBSH 101-2021, JASO CVT-1

Application:Complies with the fluid standard requirements for models equipped with CVT continuously variable transmissions of Toyota, Honda, Nissan, Volkswagen, Audi, Chery, Geely and other brands.

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/cm³	0.840	g/cm³	SH/T 0604
Kinematic Viscosity (40°C), cSt	-	cSt	GB/T 265
Kinematic viscosity (100°C), cSt	7.20	cSt	GB/T 265
Pour point, °C	-44	°C	GB/T 3535
Flash point (open cup), °C	211	°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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