

TECHNICAL DATA SHEET

KATMOTO HYBRID e-CVT FLUID

Low-Viscosity Hybrid e-CVT Transmission Fluid

Product Name	HYBRID e-CVT FLUID	Specification	e-CVT Spec
Product Type	Hybrid e-CVT / Electric Transaxle Fluid	Performance Level	Hybrid e-CVT-type
Series / Category	Hybrid Transmission Fluid	Application	Toyota Hybrid / Honda e:HEV / Nissan e-POWER

Product Description

KATMOTO HYBRID e-CVT FLUID is a low-viscosity transmission fluid developed for selected hybrid electric transaxles and e-CVT systems. It supports smooth power transfer, anti-shudder performance, energy efficiency, copper-component protection and stable lubrication for hybrid drive units integrating gears, bearings, electric motors and hydraulic control components.

Key Performance Features

Low-viscosity design supports hybrid energy efficiency.	Smooth e-CVT power transfer and anti-shudder performance.
Protects gears, bearings and copper-containing electric drive components.	Excellent low-temperature fluidity for hybrid start-stop operation.
Oxidation and foam control for stable drive-unit performance.	Designed for selected Japanese hybrid electric transaxle systems.

Applications & Performance Level

Applications	Selected hybrid electric transaxles and e-CVT systems in Toyota Hybrid, Honda e:HEV, Nissan e-POWER and similar hybrid vehicles where compatible e-CVT/low-viscosity ATF-type fluid is specified.
Suitable For	Toyota WS-type hybrid transaxle applications, Honda e:HEV-type and Nissan e-POWER-type applications where fluid compatibility is confirmed.
Important Notice	Hybrid e-CVT systems use different fluid requirements by model. Do not use as a universal CVT, DCT, DHT or conventional AT fluid unless the service manual confirms compatibility.

Typical Technical Data - Balanced Formulation Target

Property	Test Method	Target Typical Value
Appearance / Color	Visual	Red
Density @ 15°C	ASTM D4052	0.846 g/cm³
Kinematic Viscosity @ 40°C	ASTM D445	27.5 mm²/s
Kinematic Viscosity @ 100°C	ASTM D445	5.8 mm²/s
Viscosity Index	ASTM D2270	160
Brookfield Viscosity @ -40°C	ASTM D2983	10,000 mPa·s

Property	Test Method	Target Typical Value
Pour Point	ASTM D97	-48°C
Flash Point, COC	ASTM D92	220°C
Copper Corrosion	ASTM D130	1b
Foaming Tendency / Stability	ASTM D892	0/0 ml

Note: These are balanced formulation target values prepared with reference to market-leading products of similar specification and application. Unless separately stated, listed performance levels are suitability references rather than official OEM approvals. Final production values should be confirmed by official KATMOTO TDS and laboratory test report.