

IDEMITSU CVT Type N3

Premium Continuously Variable Transmission Fluid

Description and Application

Idemitsu CVTF Type N3 is specifically formulated to provide unsurpassed performance and protection requirements of latest Continuous Variable Transmissions (CVTs) of Nissan and Infiniti vehicles. This advanced technology formulation is designed to exceed the specific performance parameters require for the latest generation JATCO CVT 7 and JATCO CVT 8 to deliver exceptional transmission efficiency for enhanced fuel economy. Idemitsu CVTF Type N3 can be used where NS-3 fluid is specified.

Features and Benefits

This advanced additive technology formulation incorporates proprietary additive technology with high performance base stocks to provide superior performance in JATCO CVT 7 and JATCO CVT 8. The top quality base oils and proprietary additive formulation provide superior performance and engineered to ensure:

- **Friction Reduction** - The size of the oil pump of JATCO CVT 7 and JATCO CVT 8 have been made smaller, thanks to the reduction of oil leakage. This, together with the use of a newly developed low viscosity oil, reduced CVT friction by up to 40% and upgraded fuel economy.
- **Seamless Torque Transfer** – Idemitsu CVTF Type N3 maintains optimum lubricant thickness in the belt & gear system in JATCO CVT 7 and steel belt & pulley in JATCO CVT 8 to provide the required friction reduction performance. This optimum lubricant thickness helps in providing seamless torque transfer from the engine to the wheels and enables to maintain maximum torque for any given power demand.
- **Wide Lockup Range** – Idemitsu CVTF Type N3 provides superior response and stability for a wide lockup range for quick CVT shift ratios which enables nearly instantaneous response and a feeling of naturally powerful acceleration.
- **Improved Hydraulic Pressure** – Idemitsu CVTF Type N3 delivers sufficient hydraulic pressure on the belt to maintaining required lateral pressure for shifting diameter in the driver pulley and driven pulley for achieving reliable torque transfer thereby contributing to improved fuel economy.

Typical Characteristics

Test	Unit	Method	Typical Results
Color		Visual	Green
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	26.32
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	6.258
Viscosity Index	-	ASTM D2270	202
BF Viscosity @ -40°C	mPa.s	ASTM D2983	6144

Specifications & Approvals

Idemitsu CVTF Type N3 is engineered for JATCO CVT 7 and JATCO CVT 8 where it requires the following specification:

NS-3 service requirement for Nissan, Infiniti vehicles

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Idemitsu is ISO Certified:

ISO 9001:2008
ISO 14001:2004
ISO/TS 16949:2009



*Idemitsu Lubricants America Corporation
Typical properties are provided as reference and may vary slightly. They do not constitute a specification.
Product formulations and information contained herein are subject to change without notification.*