

Product Data Sheet

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PETRONAS

PETRONAS Tutela Multi CVT 700

Designed to be the Fluid Technology Solution of choice providing excellent protection and longer oil life for CVT systems

Description and Applications

PETRONAS Tutela Multi CVT 700 is a premium fully synthetic multi-vehicle Continuously Variable Transmission (CVT) fluid, delivering steel to steel optimized friction, torque transfer capacity and component durability for today's automatic transmissions over their standard service life. Its wide coverage of major manufacturer specifications, extensive bench testing and field-testing, makes it suitable for use for virtually all CVT transmissions. For this reason, Tutela Multi CVT 700 reduces the risk of using the wrong oil and simplifies inventory management.

PETRONAS Tutela Multi CVT 700 meets the service fill requirement of most belt and chain CVT OEMs for use in passenger cars. It is suitable for use in Toyota Hybrid transmissions.

Benefits

PETRONAS Tutela Multi CVT 700 enhances your vehicle availability while significantly reducing your operating costs through:

- **Fuel Economy** performance by **optimized transmission efficiency:**
 - o A lower viscosity fluid to help reduce operational energy losses.
- **Extended Transmission Life** driven by:
 - o Exceptional thermal and oxidation stability under high temperature, providing viscosity stability and preventing formation of deposits and sludge to prolong oil life
 - o Enhanced shear stability for a constant film strength and effective lubrication to protect all moving parts
 - o Excellent anti-wear, gear and bearing protection to extend components life
 - o Extended transmission fluid life and prevention against fluid breakdown at higher operating temperatures for a total protection of the transmission
 - o Seal compatibility for better leakage prevention
 - o Outstanding control valve cleanliness to keep optimal operating conditions

Provides outstanding Driving Experience through:

- **Balanced torque capacity for an efficient power transfer**
- **Extended friction durability** for superior anti-shudder performance and enhanced driving comfort
- **Exceptional low temperature viscosity** for improved lubrication during start-up and shifting comfort in cold conditions
- **Significantly reduced transmission noise**

Approvals, Specifications and Recommendations

PETRONAS Tutela Multi CVT 700 is a fully synthetic lubricant that meets and exceeds below performances:

Meets or Exceeds the performance requirements of:

- BMW Mini Cooper EZL 799 / EZL 799A / ZF CVT V1 / 83 22 0 136 376/ 83 22 0 429 154
- Chery CVT
- Daihatsu AMMIX CVTF DFE, CVT Fluid DC, CVT Fluid DFE or DFC, Fluid TC
- Ford WSD-M2C-199A
- Fujijyuuko i-CVTF FG
- GM/Saturn DEX-CVT, GM CVT
- Honda HMMF (without starting clutch), HCF2, Z-1 (CVT model, without starting clutch, not Yes for 2001-2007 Honda Fit & Jazz), CVT
- Hyundai/Kia CVT-1, SP III (CVT model)
- Idemitsu CVTS-EX1
- Mazda JWS 3320
- MG Rover EM-CVT

- Mitsubishi CVTF-J1 (MMC Diaqueen CVT Fluid J1), CVTF-J4 and -J4+ (MMC Diaqueen CVT Fluid J4 and J4+), (Diaqueen) SP-III (CVT model only), CVTF ECO J4
- Nissan KTF-1, Nissan NS-1, NS-2 and NS-3
- Punch CVT
- Renault Matic CVT
- Subaru iCVT, iCVT F and FG, ECVT, Lineartronic chain CVT and CVT II Fluid (K0425Y0710), Lineartronic High Torque (HT) CVT Fluid (K0421Y0700), Subaru NS-2
- Suzuki CVTF TC, CVTF 3320, CVTF 4401, Suzuki NS-2, CVT Green 1, CVT Green 2, CVT Green 1V
- Toyota CVTF TC, CVTF FE, Toyota Hybrid
- Volvo CVT 4959
- Audi Multitronic, Audi/VW TL 521 16 (G 052 516), Audi/VW TL 521 80 (G 052 180)

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your specific vehicle

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright & Clear
Density @ 15°C	ASTM D 4052	g/cm ³	0.850
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	7.4
Viscosity Index	ASTM D 2270	-	185
Brookfield Viscosity @ -40°C	ASTM D 2983	mPa.s (cP)	9500
Pour Point	ASTM D 97	°C	-45
Flash Point COC	ASTM D 92	°C	216

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: www.pli-petronas.com

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