

Product Data Sheet

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PETRONAS

PETRONAS Tutela Multi DCT 700

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

Description and Applications

PETRONAS Tutela Multi DCT 700 is a premium fully synthetic multi-vehicle automatic transmission fluid for Wet Double Clutch Transmissions (WDCT), delivering optimized synchronizer and clutch performances 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 WDCT transmissions. For this reason, Tutela Multi CVT 700 reduces the risk of using the wrong oil and simplifies inventory management.

Benefits

PETRONAS Tutela Multi DCT 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 Excellent seal compatibility for better leakage prevention
 - o Robust corrosion protection on yellow metals and steel

Provides outstanding Driving Experience through:

- **Outstanding synchronizer and clutch performance** at a wide temperature range for a comfortable driving
- **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 DCT 700 is a fully synthetic lubricant that meets and exceeds below performances:

Meets or Exceeds the performance requirements of:

- BMW Drivelogic 7-speed, DCTF-1, 6-speed DCT
- Chrysler Powershift 6-speed
- Ford Powershift 6-Speed, WSS-M2C936A
- Mitsubishi TC-SST 6-speed
- Nissan Powershift 6-Speed
- Peugeot / Citroën DCS 6-speed
- Renault EDC 6-speed, EDC-7
- Volvo Powershift 6-speed
- Audi/Seat/Skoda/VW 6-speed FWD (G 052 182), DSG7 S-Tronic (G 052 529)
- ZF/Porsche Oil

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)	6.8

Viscosity Index	ASTM D 2270	-	177
Brookfield Viscosity @-40°C	ASTM D 2983	mPa.s (cP)	18000
Pour Point	ASTM D 97	°C	-45
Flash Point COC	ASTM D 92	°C	198

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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