

Product Data Sheet

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PETRONAS

PETRONAS Tutela ATF D3

Designed to be the Fluid Technology Solution of choice providing protection and care for automatic transmission and power-steering systems

Description and Applications

PETRONAS Tutela ATF D3 is a high quality Automatic Transmission Fluid delivering long-lasting shifting performance and component durability for automatic transmissions over their standard service life.

PETRONAS Tutela ATF D3 is suitable for use in many conventional automatic transmissions, power steering and hydraulic systems of passenger cars, alongside commercial vehicles and off-highway construction equipment requiring GM DEXRON®-III level of performance. It also meets the requirement of JASO M315-2013 1A and JASO M315-2013 2A, standards recognized by Japanese OEMs for use in automatic transmissions.

Benefits

PETRONAS Tutela ATF D3 protects your Business Profits and your Vehicle Availability while reducing your operating costs, through longer transmission, power steering and hydraulic system life, driven by:

- Enhanced anti-wear and gear protection to extend components durability
- Good thermal and oxidation stability under high temperature, providing viscosity stability to prolong oil life

Provides excellent Driving Experience through:

- Smooth, shudder-free shift performance under both normal and severe operating conditions
- Good low temperature fluid flow performance

Approvals, Specifications and Recommendations

PETRONAS Tutela ATF D3 is a high quality Automatic Transmission Fluid that meets and exceeds below performances:

Approvals and Specifications:

- JASO M315-2013 1A, M315-2013 2A

Meets or Exceeds the performance requirements of:

- DEXRON®-IIIH/DEXRON®-IIIG
- Allison C-4
- CAT TO-2
- Ford Mercon®
- Bosch TE-ML 09, ZF TE-ML 09

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

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright & Clear
Color	-	-	Red
Density @15°C	ASTM D 4052	g/cm ³	0.855
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	7.1
Kinematic Viscosity @40°C	ASTM D 445	mm ² /s (cSt)	33
Viscosity Index	ASTM D 2270	-	182
Pour Point	ASTM D 97	°C	-48
Brookfield Viscosity @-40°C	ASTM D 2983	mPa.s (cP)	15000
Flash Point COC	ASTM D 92	°C	195

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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