

Product Data Sheet

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PETRONAS Tutela ATF 700 DM



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

Description and Applications

PETRONAS Tutela ATF 700 DM is a premium synthetic technology Automatic Transmission Fluid, Low Viscosity formulation, delivering fuel efficiency, long-lasting shifting performance, and component durability for Daimler automatic transmissions over their standard service life. Specifically developed for Mercedes-Benz, approved for 7G-Tronic applications (NAG2FE+, 722.9 with code A89 friction-reduced and transmission Hybrid 724.2) and for Transfer Cases (model 167, 205, 213, 217, 218, 222, 238, 253, 257 with transmission 725.0 and model 257 with transmission 725.1). Not to be used where MB 236.14/12/10 are recommended.

Benefits

PETRONAS Tutela ATF 700 DM 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:

- **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

Approvals, Specifications and Recommendations

Approval:

- MB-Approval 236.15

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	Visual	-	Bright & Clear
Color	Visual	-	Blue
Density @15°C	ASTM D 4052	g/cm ³	0.842
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	4.5
Viscosity Index	ASTM D 2270	-	151
Brookfield Viscosity @-40°C	ASTM D 2983	mPa.s (cP)	3650
Pour Point	ASTM D 97	°C	-57
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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