

Product Data Sheet

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PETRONAS

PETRONAS Tutela Axle 300

SAE 80W-90

Designed to be the Fluid Technology Solution of choice providing protection and care for axle and final drive systems

Description and Applications

PETRONAS Tutela Axle 300 is a high-quality axle fluid delivering optimized load carrying performances and component durability for today's axles, differentials and final drives over their standard service life. It's recommended in transmissions requiring API GL-5.

Benefits

PETRONAS Tutela Axle 300 protects your Business Profits and your Vehicle Availability while reducing your operating costs, through longer axle life, driven by:

- Anti-wear, Extreme Pressure (EP), anti-pitting resistance to extend components life
- Good thermal and oxidation stability to prevent formation of deposits and sludge
- Good anti-rust and corrosion protection

Provides excellent Driving Experience through:

- Good low temperature fluid flow performance
- Significantly reduced axle noise

Approvals, Specifications and Recommendations

Specifications:

- API GL-5
- MIL PRF-2105D

Approvals:

- ZF TE-ML 05A, 07A, 08, 12E, 16B, 19B, 21A

Performance Level:

- FCA 9.55550-DA2
- IVECO 18-1805 Class RAM 1, RAM 1/A
- MAN 342 Type M1, Type M2
- NATO O-226

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	0.895
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	14.6
Kinematic Viscosity @40°C	ASTM D 445	mm ² /s (cSt)	138
Viscosity Index	ASTM D 2270	-	104
Pour Point	ASTM D 97	°C	-30
Brookfield Viscosity @-26°C	ASTM D 2983	mPa.s (cP)	130000
Flash Point COC	ASTM D 92	°C	210

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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