

Technical Data Sheet

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PETRONAS

PETRONAS TUTELA TRANSAXLE FLUID 80W

Description and Applications

PETRONAS Tutela TRANSAXLE FLUID 80W is axle fluid developed with NEW HOLLAND and CASE/CASE IH to enable smooth, noise-free operation in axles with oil immersed brakes under a wide range of speeds, loads and torques. It provides an enhanced transmission protection during the run-in or first operating hours after the drain thanks to its specific fresh oil viscosity, then the oil smoothly stabilizes at a lower kinematic viscosity to optimize the transmission efficiency.

Suitable for ZF axles of construction equipment with oil immersed and wet brakes.

Approvals, Specifications and Recommendations

Specifications:

- API GL-4

Approvals:

- CNH MAT 3515-B
- ZF TE-ML 05F, 21F

Performance level:

- CNH MAT 3510-B
- NH 600 TR
- CASE MS 1317

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
Colour	--	--	Amber
Density @ 15°C	ASTM D 4052	g/cm ³	0.898
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	26
Viscosity Index	ASTM D 2270	--	151
Brookfield Viscosity @ -26°C	ASTM D 2983	mPa.s (cP)	143000
Pour Point	ASTM D5950	°C	-36
Flash Point COC	ASTM D 92	°C	220

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.plipetronas.com

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