

Technical Data Sheet

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PETRONAS

PETRONAS Akcela Transaxle Fluid 80W-140

Description and Applications

PETRONAS Akcela Transaxle Fluid 80W-140 is a multifunction transmission lubricant, dedicated to agricultural and construction machinery, able to keep their efficiency and offering a longer life-cycle. Perfect solution for high and long-lasting performances for your hard-daily work, protecting your tireless machinery from loss of performances and unplanned downtimes.

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

Approvals, Specifications and Recommendations

Specifications:

- API GL-4

Performance level:

- CASE MS 1317
- ZF TE-ML 05F, 21F

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	0.900
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	26
Viscosity Index	ASTM D 2270	--	152
Brookfield Viscosity @ -26°C	ASTM D 2983	mPa.s (cP)	124000
Pour Point	ASTM D 97	°C	-30

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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