

Technical Data Sheet

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PETRONAS

PETRONAS Akcela NEXPLORE

Description and Applications

PETRONAS Akcela NEXPLORE is developed in collaboration with CASE/CASE IH for use on tractors, agricultural equipment and earth moving machinery.

Suitable for use in traditional gearboxes, CVT, Power-Shift and Shuttle-Shift gearboxes, rear transmissions with wet brakes, side final drives, wheel final drives, differentials, hydraulic hoists, drive pulley, mechanical and hydrostatic drives, and power steering units.

Approvals, Specifications and Recommendations

Approvals:

- CNH MAT 3525
- ZF TE-ML 03E, 05F, 17E, 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	ASTM D 1500	-	L 3
Density @ 15°C	ASTM D 4052	g/cm ³	0.885
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	9.5
Viscosity Index	ASTM D 2270	-	147
CCS Viscosity @ -25°C	ASTM D 5293	mPa.s (cP)	6000
Pour Point	ASTM D 97	°C	<-40
Flash Point COC	ASTM D 92	°C	210
Foam @ 24°C	ASTM D 892	cc/s	10/0

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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