

Technical Data Sheet

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PETRONAS

PETRONAS TUTELA HYDROSYSTEM 46 EXCAVATOR

Description and Applications

PETRONAS Tutela HYDROSYSTEM 46 EXCAVATOR is a high performance, high viscosity index, hydraulic fluid, developed with NEW HOLLAND and CASE/CASE IH for agricultural machinery in general and construction equipment, providing enhanced wear protection and viscosity stability.

Approvals, Specifications and Recommendations

Specifications:

- DIN 51524 HVLP 46
- ISO VG 46

Approvals:

- CASE MS 1230

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	0.860
Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s (cSt)	48
Viscosity Index	ASTM D 2270	--	167
Pour Point	ASTM D 97	°C	-42
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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