

Technical Data Sheet

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PETRONAS TUTELA HYDROSYSTEM 46 LL



Description and Applications

PETRONAS Tutela HYDROSYSTEM 46 LL is a high-performance, high viscosity index, hydraulic fluid developed with NEW HOLLAND and CASE for use in the hydraulic system of latest CNH crawler excavators to provide extended drain interval (up to 5000 hours).

Approvals, Specifications and Recommendations

Specifications:

- ISO VG 46
- DIN 51524 HVLP 46

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
Density @ 15°C	ASTM D 4052	g/cm ³	0.872
Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s (cSt)	46
Viscosity Index	ASTM D 2270	--	143
Pour Point	ASTM D 97	°C	-39
Flash Point COC	ASTM D 92	°C	225

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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