

Technical Data Sheet

Revised: 2020/12/04 (version 1.0)

PETRONAS TUTELA HYDROSYSTEM HI-TECH 46



PETRONAS

Description and Applications

PETRONAS Tutela HYDROSYSTEM HI-TECH 46 is a high viscosity index hydraulic fluid developed with CNH-HITACHI for excavators.

Approvals, Specifications and Recommendations

Specifications:

- ISO VG 46
- DIN 51524 HVLP 46

Approvals:

- NH 583 HD

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 1
Density @ 15°C	ASTM D 4052	g/cm ³	0.838
Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s (cSt)	7.8
Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s (cSt)	45.8
Viscosity Index	ASTM D 2270	--	141
Pour Point	ASTM D 97	°C	< -40
Flash Point COC	ASTM D 92	°C	190

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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Code: 77447