

# Technical Data Sheet

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## PETRONAS TUTELA HYDROSYSTEM 46 BIO-V



### Description and Applications

PETRONAS Tutela HYDROSYSTEM 46 BIO-V is a high viscosity index, vegetable based biodegradable hydraulic fluid for agricultural machinery in general and construction equipment.

### Approvals, Specifications and Recommendations

#### Specifications:

- ISO VG 46
- DIN 51524 HVLP 46

#### Approvals:

- NH 646 BV

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 1,5
Density @ 15°C	ASTM D 4052	g/cm <sup>3</sup>	0.921
Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	10
Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	44
Viscosity Index	ASTM D 2270	--	223
Pour Point	ASTM D 97	°C	<-27
Flash Point COC	ASTM D 92	°C	282

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](http://www.pli-petronas.com)

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