

Product Data Sheet

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PETRONAS Arbor Hydraulic 46 Bio-V ISO VG 46

For Tireless Machinery, The Best Fluid Technology for Your Daily Work

Agricultural and construction machinery is the lifeblood of your business. Ensuring that they are always working tirelessly and efficiently is the Number One priority. Machinery requires the best fluid technology to perform longer, especially when operating under severe conditions.

Description and Applications

PETRONAS Arbor Hydraulic 46 Bio-V is a high-quality High Viscosity Index hydraulic fluid, specifically for high pressure hydraulic systems of farm machines, combine harvesters and earthmoving machinery.

PETRONAS Arbor Hydraulic 46 Bio-V is a vegetable-based formulation providing high biodegradability to prevent environment pollution in the event of any leaks from the circuit.

Benefits

PETRONAS Arbor Hydraulic 46 Bio-V delivers:

- Environmentally friendly, suitable where biodegradable fluids are preferred
- Superior performance and protection over a wide temperature range thanks to its High Viscosity Index
- Enhanced anti-wear protection to extend components life
- Good low temperature fluidity for a proper protection of equipment components during cold starts.

Approvals, Specifications and Recommendations

PETRONAS Arbor Hydraulic 46 Bio-V specifically for hydraulic systems of agricultural and construction lubricant that meets and exceeds below performances:

Performance Level:

- DIN 51524 HVLP 46 (except ASTM D 943)
- 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
Density @15°C	ASTM D 4052	g/cm ³	0,921
Kinematic Viscosity @40°C	ASTM D 445	mm ² /s (cSt)	46
Viscosity Index	ASTM D 2270	-	223
Flash Point COC	ASTM D 92	°C	> 280
Pour Point	ASTM D 97	°C	-30

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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