

Product Data Sheet

Revised: 12/06/2024 (version 4.2)



PETRONAS Arbor Hydraulic 68 HV ISO VG 68

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

For all the agricultural and construction equipment hard workers, machineries are the lifeblood of their business. Ensuring that they are always working tirelessly and efficiently is the Number One priority. Machinery need the best fluid technology to last longer while working, especially when operating under severe conditions.

Description and Applications

PETRONAS Arbor Hydraulic 68 HV is a high viscosity index hydraulic oil, specifically for high pressure hydraulic systems of farm machines, combine harvesters and earthmoving machinery.

PETRONAS Arbor Hydraulic 68 HV provides high protection of the components of the hydraulic system against wear and corrosion. Its demulsive and antifoam properties deliver lubricating continuity preventing cavitation and removing the heat. Its viscosimetric profile remains constant within a broad range of temperatures ensuring a prompt response of the hydraulic system and high output rate of the pumps, at both low and high temperatures, with consequent fuel saving.

PETRONAS Arbor Hydraulic 68 HV contains special additives, which give the fluid the indispensable antioxidant characteristics for withstanding the thermal stress to which it is subjected.

Benefits

PETRONAS Arbor Hydraulic 68 HV delivers:

- Superior performance and protection over a wide temperature range thanks to its High Viscosity Index
- Enhanced anti-wear protection to extend components life
- Good thermal and oxidation stability under high temperature, providing viscosity stability to prolong oil life
- High viscosity for a proper protection of equipment components in hot temperature conditions.

Approvals, Specifications and Recommendations

Performance Level:

- DIN 51524-3 HVLP 68
- Denison HF-0
- Cincinatti Milacron P-69
- NH 668 HV

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	0,880
Kinematic Viscosity @40°C	ASTM D 445	mm ² /s (cSt)	69,7
Viscosity Index	ASTM D 2270	-	145
Flash Point COC	ASTM D 92	°C	234
Pour Point	ASTM D 97	°C	-42

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

Important Note

The word PETRONAS, the PETRONAS logo and such other related trademarks and/or marks used herein are trademarks or registered trademarks of PETRONAS Lubricants International Sdn. Bhd. ("PLISB"), or its subsidiaries or related Holding Corporation under license unless indicated otherwise. The PLI Documents and the information contained herein is believed to be accurate as of the date of printing. PLISB makes no express or implied representation or warranties as to its accuracy or completeness or information in or any transaction performed. The PLI Documents information provided is based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these PLI Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either PLISB or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.

Code: 76807