

Product Data Sheet

Revised: 20/01/27 (version 1.0)



PETRONAS

PETRONAS Arbor Protective Fluid

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 Protective Fluid is a protective antifreeze and coolant fluid concentrated for the engines of tractors, farm machines and earthmoving machinery.

PETRONAS Arbor Protective Fluid, based on ethylene glycol, provides the utmost performance in terms of antifreeze protection and cooling.

PETRONAS Arbor Protective Fluid removes the heat generated by combustion and ensures protection against freezing down to temperatures of -38°C if mixed at 50% with water.

Benefits

PETRONAS Arbor Protective Fluid enhances your vehicle availability while significantly reducing your operating costs through:

- **Extended Cooling System Life** driven by:
 - o Enhanced corrosion protection to protect metal-based components
 - o Protection against freezing when outside temperature is down to -38°C (-36°F)
 - o Protection against boiling in case of circuit temperature up to 110°C (230°F)
 - o Good elastomer and plastic compatibility for a longer component's life

Approvals, Specifications and Recommendations

Recommendations:

- ASTM D 6210 Type 1-FF
- NH 900 B
- MS-1710
- MAT 3620

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
Color	-	-	Blue-Green
Relative Density @15°C	ASTM D 1122	g/cm ³	1.135
pH, 50% vol in DI water	ASTM D 1287	-	7,6
Reserve alkalinity	ASTM D 1121	ml	17
Boiling point, 50% vol in DI water	ASTM D 1120	°C	108
Freezing point, 50% vol in DI water	ASTM D 1177	°C	-38
Glassware corrosion test	ASTM D1384		PASS

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 data sheet 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: 76799