

Product Data Sheet

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PETRONAS

PETRONAS Arbor TRW 90 LS 80W-90

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 TRW 90 is a high-quality Limited Slip Axle Fluid dedicated to agricultural and construction machinery, ensuring their efficiency and offering a longer service life. Perfect solution for high and long-lasting performance for your hard-daily work, protecting your tireless machinery from loss of performance and unplanned downtime.

PETRONAS Arbor TRW 90 is suitable for limited slip axles, differentials and final drives over their standard service life. It's recommended in transmissions requiring API GL-5 level of performance with or without LS.

Benefits

PETRONAS Arbor TRW 90 protects your transmission and power-steering system through:

- Anti-wear, Extreme Pressure (EP), anti-pitting resistance to extend components life
- Good thermal and oxidation stability to prevent formation of deposits and sludge
- Good anti-rust and corrosion protection

Provides excellent Working Experience through:

- Good low temperature fluid flow performance
- Optimal friction coefficient to ensure limited slip differential operating even under severe conditions, preventing stick and slip, noise and vibrations
- Significantly reduced axle noise

Approvals, Specifications and Recommendations

Specifications:

- API GL-5

Performance Level:

- MIL-L-2105D
- NH 520 B
- SDFG OP-1705LS

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	0,897
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	14,7
Viscosity Index	ASTM D 2270	-	104
Flash Point COC	ASTM D 92	°C	198
Pour Point	ASTM D 97	°C	-27

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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