

**PETRONAS**

PETRONAS Tutela Multi UTTO 500

10W-30

Designed to be the Fluid Technology Solution of choice providing protection and care for Off-Highway hydraulic systems and transmissions

Description and Applications

PETRONAS Tutela Multi UTTO 500 10W-30 is a premium transmission oil (U.T.T.O.) dedicated to agricultural and construction machinery, able to keep their efficiency and offering a longer. Perfect solution for high and long-lasting performances for your hard-daily work, protecting your tireless machinery from loss of performances and unplanned downtimes. Its wide coverage of major manufacturer specifications, thanks to extensive bench testing and field-testing, makes it suitable for use for virtually most of new and aged hydraulic and transmission tractor systems.

PETRONAS Tutela Multi UTTO 500 10W-30 is suitable for transmissions, final drives, hydraulic systems and wet brakes of farm tractors and machineries.

Benefits

PETRONAS Tutela Multi UTTO 500 10W-30 enhances your Business Profits and your vehicle availability while significantly reducing your operating costs through:

- **High anti-wear properties** of the mechanical components of the of the transmission and hydraulic system
- Enhanced capability to keep transmission and hydraulic systems clean from deposits and sludge

Provides outstanding Working Experience through:

- **High braking efficiency** deriving from the presence of balanced friction modifiers
- **Prompt response of the servo controls** of the hydraulic circuit ensured by the viscometric stability to changes in temperatures that determines a high and constant pressure in the system
- Enhanced low temperature viscosity for improved lubrication during start-up

Approvals, Specifications and Recommendations

Specifications:

- API GL-4

Approvals:

- ZF TE-ML 03E, 05F, 17E, 21F

Performance Level:

- AGCO POWERFLUID 821XL
- Allison C4
- CAT TO-2
- Denison HF-0/HF-2
- John Deere JDM J20C
- Massey Ferguson CMS M1145
- Massey Ferguson CMS M1143
- Massey Ferguson CMS M1141
- Massey Ferguson CMS M1135
- NH 410 B
- Fendt
- FNHA-2-C-201.00
- Ford ESN-M2C134-D
- MAT 3525
- HCE-102
- Kubota UDT Fluid
- Valtra G2-08, G2-B10
- VCE WB 101
- SDFG OT-1891

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	0,885
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	9,5
Viscosity Index	ASTM D 2270	-	147
CCS at -25°C	ASTM D5293	mPa·s (cP)	6000
Flash Point COC	ASTM D 92	°C	210
Pour Point	ASTM D 97	°C	< -40

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 refers to product SDS or contact us at: www.pli-petronas.com

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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 tortuous 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.

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