

APEX UTTO SYN TRANS (TO-4)

TECHNICAL DATA SHEET

V.01/2024

1125



High performance off-highway fully synthetic oil designed for agricultural & construction tractors in which the fluid lubricates transmissions, brakes, final drives, and hydraulic systems.

DESCRIPTION

APEX UTTO SYN TRANS (TO-4) is a power shift transmission oil specially formulated to satisfy the requirements of the Caterpillar TO-4 specification. These fluids are high performance, non-friction modified, heavy duty transmission fluids primarily designed for power shift transmissions and final drives.

ADVANTAGES / CUSTOMER BENEFITS

Specifically designed for/to:

- Designed to meet the newest ZF and GIMA specifications.
- Superior brake noise suppression
- Provides enhanced friction and frictiondurability performance
- Protects gears and reduces clutch wear
- Effective oxidation and deposit control

APPROVALS / PERFORMANCE STANDARDS / SPECIFICATIONS

- Caterpillar TO-4 and TO-4M
- Allison C-4
- GIMA CMS M1145
- ZF TE-ML 03E, 05E, 06K, 17E, 21F
- John Deere J20C, J20D
- Case New Holland MAT 3525
- Volvo WB 101/102
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ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Safety Data Sheet (SDS). Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. Ensure appropriate personal safety equipment is used when handling the product.

This product has a shelf life of 36 months when stored in a dry environment at ambient temperatures (10-30°C).

TYPICAL TECHNICAL CHARACTERISTICS

DESCRIPTION	METHOD	UNITS	RESULT
ISO/SAE Grade			120
Viscosity @ 40°C	ASTM D 2983	cSt	120
Viscosity @ 100°C	ASTM D 2983	cSt	18
Viscosity Index	ASTM D2270-77		167
Pour Point °C	ASTM D97	°C	-32.0
Flash Point °C	ASTM D93	°C	232
Density @ 20°C	ASTM D792	g/ml	0.87
Appearance	Visual		Bright & Clear
Colour	Visual		Pale Yellow

PACKAGING

5L / 20L / 210L / 1000L

Misrepresentation Act 1967. Trade description Act 1968. The information in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which effect the use and performance of our products for which reason no warranty is given, express or implied. This information sheet was prepared from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.



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