

# SUPER DUTY UTTO 10W (TO-4)

## TECHNICAL DATA SHEET

V.01/2024  
1009



### High performance off-highway transmission and hydraulic oil.

#### DESCRIPTION

SUPER DUTY UTTO 10W (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:

- All Caterpillar power shift transmissions and final drives.
- All Komatsu power shift transmissions.
- Mobile hydraulic systems, hydrostatic transmission, heavy duty manual transmissions, and final drives for which heavy-duty engine oils are specified.

#### APPROVALS / PERFORMANCE STANDARDS / SPECIFICATIONS

- Caterpillar TO-4 and TO-4M
- Allison C-4
- API MT-1
- ZF TE-ML-03C
- ZF TE-ML-07F
- Komatsu KES 07.868.1 (2002)
- API MT-1

#### 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			10W
Viscosity @ 40°C	ASTM D 2983	cSt	36
Viscosity @ 100°C	ASTM D 2983	cSt	6
Viscosity Index	ASTM D2270-77		115
Pour Point °C	ASTM D97	°C	-36.0
Flash Point °C	ASTM D93	°C	200
Density @ 20°C	ASTM D792	g/ml	0.88
Appearance	Visual		Clear & Bright
Colour	Visual		Dark 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.



Copyright © 2024

PHONE +27 11 827 5935  
EMAIL jhb@swifts.co.za  
ADDRESS 1 Molten St, Delville Ext 4, Germiston  
Johannesburg, South Africa

