

SUPER DUTY UTTO 50 (TO-4)

TECHNICAL DATA SHEET

V.01/2024

1076



High performance off-highway transmission and hydraulic oil.

DESCRIPTION

SUPER DUTY UTTO 50 (TO-4) is a multigrade, multi-purpose oil for the lubrication of construction and agricultural equipment. This universal oil offers wear and friction control for the transmissions including power-shift models, gear drive units, wet brake systems, hydraulic and power steering units.

ADVANTAGES / CUSTOMER BENEFITS

- Wide application range.
- High load carrying capacity in transmissions
- Reduces chatter in wet brake systems
- High thermal stability

APPROVALS / PERFORMANCE STANDARDS / SPECIFICATIONS

- Caterpillar TO-4 and TO-4M
- Allison C-4
- API GL4 and MT-1
- ZF TE-ML-03C
- ZF TE-ML-07F
- Komatsu KES 07.868.1 (2002)

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			SAE40
Viscosity @ 40°C	ASTM D 2983	cSt	210
Viscosity @ 100°C	ASTM D 2983	cSt	19
Viscosity Index	ASTM D2270-77		99
Pour Point °C	ASTM D97	°C	-39.0
Flash Point °C	ASTM D93	°C	240
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.



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