



PRODUCT DATA SHEET

UNITO MN UNIVERSAL TRACTOR OIL

CONVENTIONAL

Product Description

TL-UNITO MN 10W product is an Off-highway Universal lubricant formulated from high quality base oil and advances in additives technology provides superior performance for transmissions, final drives, hydraulic systems, wet disc brake and able to use as engine oil which requiring API CF (CF-2) levels. With selected additives, it is able to use in all types of off-highway automatic and non-synchronized manual transmissions, wet brakes and axles etc. It helps to protect against wear on gears and final drives.

Product Specification & Performance

TRANSMISSION – AUTOMATIC, MANUAL, AXLE & FINAL DRIVES (Passenger car is not recommended)

HYDRAULIC SYSTEM – LOW, MEDIUM & HIGH PRESSURE

ENGINE PERFORMANCE – API CF / CF-2

OTHER – WET DISC BRAKE COMPARTMENT & CLUTCH SYSTEMS

Caterpillar TO-4

Allison C-4

ZF TE-ML 03C

Komatsu KES 07.868.1 (Transmissions and final drives)

ZF TE-ML 07F

DANA Powershift Transmissions

Vickers 35VQ25

Benefits

- ✓ Balanced friction performance – reduces clutch slippage even under high loads on an incline
- ✓ Optimum wear protection – provides longer equipment life such like bearings and gears
- ✓ Excellent oxidative protection and sludge control – prevent blockage
- ✓ Maximum foam protection – provides safety protection against fluid overflow and fire hazards
- ✓ Hydraulic pump protection – especially for high pressure hydraulic systems

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	10W	30	50
DENSITY @ 15.6°C, G/ML	ASTM D-4052	0.880	0.895	0.905
KINEMATIC VISCOSITY				
40 °C mm ² /s (cSt)	ASTM D-445	45	100	200
100 °C mm ² /s (cSt)	ASTM D-445	6.7	11.5	18
VISCOSITY INDEX	ASTM D-2270	101	102	98
FLASH POINT °C	ASTM D-92	>200	>215	>235
POUR POINT °C	ASTM D-97	-34	-18	-16
SAE	CRANKCASE	10W	30	50

This information is our best knowledge, true & accurate, subjected to change without prior notice due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.





PRODUCT DATA SHEET

UNITO MN UNIVERSAL TRACTOR OIL

CONVENTIONAL

Other Information

Safety Data Sheet

Safety data sheet can be requested via website www.toyointernational.com or you may also can get them from your local agent / supplier.

SDS Number: Kindly refer to the following

Storage and Handling

This product shall be ideally stored in a cool, dry location in unopened containers. Suggested temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled.

Stirring is recommended in order to prevent ingredients from separating.

Shelf Life

With good practicing on storage, the minimum shelf life from the batch number approx. 3 years or 36 months

Condition of the product must in the unopened original container

Available Packing Sizes

Pail 18 liter
Drum 209 liter

Part Number # UNITO MN 10W

8696L-0688
8696L-0722

[SDS # LP20-01]

Part Number # UNITO MN 30

Pail 18 liter
Drum 209 liter

8696L-0781
8696L-0998

[SDS # LP20-02]

Part Number # UNITO MN 50

Pail 18 liter
Drum 209 liter

8696L-0999
8696L-1019

[SDS # LP20-03]

Updated 09.03.2022

This information is our best knowledge, true & accurate, subjected to change without prior notice due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.

