



DESCRIPTION:

The Trans Oil TO-4 range of Power Transmission oils are blended with premium virgin Group II (synthetic technology) base oils including a multi-functional additive specially designed to meet Caterpillar specifications for Transmission Drive Train Oils (TDTO).

APPLICATION:

Trans Oil TO-4 oils are single –grade transmission and final drive oils meeting the requirements of Caterpillar TO-4, Allison C-4 and Komatsu Micro-Clutch.

FEATURES AND ADVANTAGES:

- Excellent shear stability.
- Protection against copper corrosion and rust.
- Maximum anti-foam protection.
- Controlled friction performance.
- Less brake noise.
- Reduced gear wear.

PERFORMANCE LEVEL:

- Caterpillar TO-4
- Allison C4
- ZF TE-ML 01
- Komatsu Micro-Clutch
- Eaton Fuller: Mack Transmission Oils
- CRC L-60-1, API MT-1
- Caterpillar IM-PC=API CF-2
- API CF/SF

PRODUCT ICON:



PHYSICAL PROPERTIES:

SAE	30	40	50	60
VISCOSITY @ 40 °C	95.32 cST	132.4 cST	216.3 cST	322.0 cST
VISCOSITY @ 100 °C	10.95 cST	13.53 cST	18.8 cST	24.3 cST
VISCOSITY INDEX	99	97	97	90
POUR POINT	-30 °C	-21 °C	-18 °C	-6 °C
FLASH POINT (PMCC)	240 °C	260 °C	276 °C	242 °C
ZINC (ASTM D 4951) % (M/M)	0.107	0.110	0.108	0.124
CALCIUM (ASTM D 4951) % (M/M)	0.424	0.433	0.415	0.31
TBN (ASTM D 2896)	12.1	12.2	12.2	12.2

DISCLAIMER AND GENERAL ADVICE

THESE CHARACTERISTICS ARE TYPICAL OF CURRENT PRODUCTION. WHILST FUTURE PRODUCTION WILL CONFORM TO DEOJAY PETROLEUM KZN (PTY) LTD SPECIFICATION, VARIATIONS IN THESE CHARACTERISTICS MAY OCCUR. ALL REASONABLE CARE HAS BEEN TAKEN TO ENSURE THAT THE INFORMATION CONTAINED IN THIS PUBLICATION IS ACCURATE AS AT THE TIME OF PRINTING, SOME INFORMATION IS NEVERTHELESS LIABLE TO VARIATION IN THE EVENT OF CHANGES TO ANY OF THE FOLLOWING OCCURRING SUBSEQUENT TO THE DATE OF PRINTING: THE BLEND FORMULATION, METHODS OF STORAGE, DUE TO THE IMPROPER HANDLING OR APPLICATION OF ANY OF THE PRODUCTS REFERRED TO, OR REQUIREMENTS OF ANY SPECIFICATION OR APPROVAL RELATING TO ANY OF THE PRODUCTS.

HEALTH AND SAFETY

GUIDANCE ON HEALTH AND SAFETY ARE AVAILABLE ON THE APPROPRIATE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM YOUR DEOJAY REPRESENTATIVE.

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