

## NISOTEC TRANSFLUID TO-4

NISOTEC TRANSFLUID TO-4 are premium oils designed to meet Caterpillar's latest Transmission and Drive Train Lubricant specification. This product line is formulated to optimize the performance of power shift transmissions, differentials, final drives and hydraulic systems. NISOTEC TRANSFLUID TO-4 oils are available in 3 viscosity grades: SAE 10W, 30 and 50. Oils are intended for use in heavy duty off-highway equipment produced by the world's leading manufacturers including Caterpillar, Komatsu, Komatsu-Dresser, ZF, Eaton, Eaton Fuller, Dana. They are recommended for application requiring below listed specification. Features and Benefits:

- Reduced gear wear and provide extended life of power shift transmissions, differentials and final drives
- Top performance in wet brakes and retention of clutch-friction
- Excellent protection against corrosion and rust
- Outstanding hydraulic oil stability and protection against high-pressure pump wear

**Performance Levels:** Caterpillar TO-4, Allison C-4, API CF&CF-2, ZF TE-ML 03C (SAE 50), ZF TE-ML 03C Approved (SAE 10W, SAE 30), ZF TE-ML 07F Approved (SAE 30), Komatsu KES 07.868.1, Komatsu Dresser, Dana Powershift, Eaton Vickers 35 VQ-25

### Characteristics

Properties	Units	Typical Values			Methods
		SAE 10W	SAE 30	SAE 50	
Density at 15 <sup>o</sup> C	g/cm <sup>3</sup>	0,87	0,88	0,91	SRPS EN ISO 3675
Kinematic viscosity at 100 <sup>o</sup> C	mm <sup>2</sup> /s	6,3	11	19,0	SRPS ISO 3104
Index viscosity	-	100	98	95	SRPS ISO 2909
Pour Point	<sup>o</sup> C	-36	- 27	- 21	SRPS ISO 3016
Flash Point, COC	<sup>o</sup> C	200	230	250	SRPS ISO 2592
Dynamic viscosity, CCV, at -25 <sup>o</sup> C	mPas	6700	-	-	ASTM D2593

### Storage and handling instructions

Follow storing and handling instructions given in SDS. If it is in the original container, store in dry and good ventilated area. Protect from direct atmospheric influences.

### Packaging

0.1L	0.25L	0.5L	1L	4L	10L	60L	180KG	IBC	AC
							X		