

NISOTEC TRANSFLUID TO-4 SAE 10W

UNIVERSAL	Universal oil	POWERSHIFT	Powershift transmission		Hydraulic system
	Gearboxes and differentials		Wet brakes		Anticorrosive properties

NISOTEC TRANSFLUID TO-4 SAE 10W is a high-quality, high-performance oil intended for hydraulic systems, transmissions and powertrains, power transmissions, gearboxes, oil-immersed brakes installed in heavy construction, mining and other off-road machinery. It is designed to provide good lubrication and protection against wear and corrosion of all moving parts and safe operation in all weather conditions.

Applications:



- Hydraulic systems, transmissions, gearboxes, oil-immersed brakes installed in heavy construction, mining and other off-road machinery
- Various types of machinery that require high-quality oils in accordance with the CATERPILLAR TO-4 specification

Characteristics	Advantages
Wear protection	It reduces wear and extends the service life of components and reduces maintenance costs
Good frictional properties and load bearing capacity	Optimal properties of friction couplings, power transmission systems and wet brakes
Excellent low temperature characteristics	Reduced wear of critical parts when starting at low temperatures
Excellent protection against rust and corrosion	Long-term anti-corrosion protection of all surfaces even in the presence of moisture
Excellent thermal and oxidation stability	It prevents the formation of deposits and deposits, which enables a longer service life of the components
Stable viscosity	High-quality components ensure a stable viscosity within the gradation during the entire period of application

Specification:

- CATERPILLAR TO-4;
- ALLISON C-4;
- API CF;
- ZF TE-ML 03C;
- KOMATSU KES 07.868.1;
- DANA-OHTM-TO;
- EATON VICKERS 35 VQ-25A

Typical characteristics

Characteristics	Method	NISOTEC TRANSFLUID TO-4 SAE 10W
SAE viscosity grade	SAE J300	10W
Kinematic viscosity at 100°C, mm ² /s	ISO 3104	6,3
Viscosity Index	ISO 2909	100
Pour Point, °C	ISO 3016	-36
Flash Point (COC), °C	EN ISO 2592	220
Cu strip corrosion, 3h, 100°C	ISO 2160	1a
Density at 15°C, kg/m ³	EN ISO 3675	881

Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

Available packaging

