

NORDIC PERMANENT SAE 50 TO-4 FLUID

Heavy Duty Powershift Transmission Fluid

NORDIC PERMANENT SAE 50 TO-4 FLUID is specifically designed for powershift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications.

NORDIC PERMANENT SAE 50 TO-4 FLUID is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals possible.

NORDIC PERMANENT SAE 50 TO-4 FLUID exceeds the following performance criteria:

Caterpillar TO-4

Komatsu KES 07.868.1

Tremac/ TTC

API CF-2/CF

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	50
Density @15°C	kg/m ³	ASTM D4052	900
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	210
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	18.1
Viscosity Index		ASTM D2270	96
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-15
Total Base Number	mgKOH/g	ASTM D2896	7.6

Date Issued: 24-04-2021

Supersedes:

Revision Nr.: 1