

TMS OIL 970 SERIES

High Performance Work Machine Transmission Oil

Definition

It is a transmission oil developed to be used in the transmissions of high performance heavy duty construction equipment, oil-bath brake systems and torque converters. Thanks to the latest additive technology, it provides superior protection against abrasion and micropitting.

Places of Use

It is used in transmissions of construction equipment that require compliance with CAT TO-4, GM Allison C4 and Komatsu Micro-Clutch specifications.

Features and Benefits

- Extends equipment life in clutches and transmissions where they are used.
- Prevents vibration and slipping on clutches with its superior friction control.
- Prevents wear and breakage in transmissions thanks to new additive technology.
- It is possible to choose suitable for all systems as they are produced in wide viscosity range (SAE 10W, 30, 50, 60).
- It is compatible with all kinds of alloys.
- It is perfectly compatible with sealing elements and standard gasket materials.
- Provides superior protection against oxidation and corrosion.

Specifications and Approvals

GM Allison C4, Caterpillar TO-4, Komatsu Micro-Clutch, API CF-2, Caterpillar 1M-PC, ZF TE-ML 01, 03

Typical Features *

TMS OIL		971	973	975
SAE Viscosity Grade		10W	30	50
Density, @ 15 ° C, kg / m ³ Flash	ASTM D-4052	0.880	0.900	0.910
Point, COC, ° C Viscosity, 40 ° C,	ASTM D-92	230	250	250
mm ² / s Viscosity, 100 ° C, mm ² /	ASTM D-445	40	109	217,7
s Viscosity Index		6.3	11,7	18,5
	ASTM D-2270	105	96	94
Pour Point, ° C	ASTM D-97	- 33	- 15	- 12

* Values may differ from production to production.



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