

# TMS OIL 970 SERIES

High Performance Transmission Oil for Off-Highway Vehicles

## Description

High performance transmission oils developed for use in transmissions of off-highway vehicles with wet brake systems and torque converters, operating under heavy-duty conditions. Provides superior protection against micropitting.

## Applications

Suitable for transmissions of construction equipments requiring CAT TO-4, GM Allison C4 and Komatsu Micro Clutch specifications.

## Benefits

- Prolongs the equipment life.
- Delivers excellent performance under variable load and speed conditions by keeping friction under control due to its high load-carrying capacity.
- Reduces noise and prevents wear.
- Makes the suitable choice easier for all systems by its wide viscosity range.
- Compatible with all kinds of alloys.
- Provides superior protection against oxidation and corrosion.

## Performance

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

## Typical Specifications\*

TMS OIL		971	973	975
SAE Viscosity Grade		10W	30	50
Density, 15 °C, kg/liter	ASTM D4052	0,880	0,900	0,910
Flashing Point, COC, °C	ASTM D92	230	250	250
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	40	109	217,7
Viscosity, 100 °C, mm <sup>2</sup> /s		6,30	11,70	18,50
Viscosity Index	ASTM D2270	105	96	94
Pour Point, °C	ASTM D97	-33	-15	-12

\* Values shown may differ between productions.

