

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/m ³	ASTM D-4052	0,880	0,900	0,910
Flashing Point, COC, °C	ASTM D-92	230	250	250
Viscosity, 40 °C, mm ² /s	ASTM D-445	40	109	217,7
Viscosity, 100 °C, mm ² /s		6,3	11,7	18,5
Viscosity Index	ASTM D-2270	105	96	94
Pour Point, °C	ASTM D-97	-33	-15	-12

* Values shown may differ between productions.

