



AM Cat Trans Oil TO-4

SAE 10W, 30 & 50
Previously known as Cat TO-4

Description

AgriMaster (AM) Cat Transmission (Trans) Oil TO-4 is formulated in three viscosity grades, SAE 10W, 30 and 50, to meet the demanding requirements of Caterpillar TO-4, Allison C4 and Komatsu Micro Clutch and ZF.

Applications

AM Cat Trans Oil technology provides superior powershift performance, smoother brake operation and reduced wear on gears and final drives – in essence – longer equipment life.

Features & Benefits

AM Cat Trans Oil is formulated for use in all types of off-highways automatic and non-synchronised manual transmission, wet brakes and axles to provide:

- Balanced friction performance to reduce excessive brake noise and weakening of friction binders for longer trouble free equipment life
- Optimum wear protection for gears, bearing and friction material provides longer equipment life and reduced risk of failure
- Excellent oxidative protection and sludge control to prevent blockage of lubricating passages
- Shear stability to maintain viscosity grade over equipment life, continuous anti-wear protection and no loss of applied pressure which could result in slippage and equipment failure
- Maximum foam protection to ensure no fluid loss to foaming, even with water contamination, providing safety protection to operators against fluid overflow and fire hazards
- Hydraulic pump protection to provide superb protection in high pressure hydraulic systems
- For application protection AM Cat Trans Oil also meets API CF and CF-2 engine performance

Specifications

Properties	Method	SAE 10W	SAE 30	SAE 50
Specific Gravity @ 20°C	ASTM D1298	0.871	0.8759	0.8896
Kinematic Viscosity @ 40°C	ASTM D445	48.75	89.56	196.7
Kinematic Viscosity @ 100°C	ASTM D445	7.27	10.45	17.4
Viscosity Index	ASTM D2270	109.3	98.3	96.4



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Performance Levels

AM Cat Trans Oil meets the licence requirements for:

	SAE 10W	SAE 30	SAE 50
Caterpillar TO-4	X	X	X
Allison C-4	X	X	
ZF TE-ML 01 (list obsolete)		X	X
ZF TE-ML 07F		X	
ZF TE-ML 03C	X	X	
Komatsu KES 07.838 (transmission & final drives)	X	X	X
DANA Powershift Transmission	X	X	
Tremex/TTC			X
Eaton			X
Vickers 35 VQ 25	X		
Fuller Transmission			X



Master Item# 1501, 1503, 1505
Pack Size Availability: 20L, 200L, IBC=1000L

Last Updated: 14th December 2023
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Technical Data Sheet