

Product Code:

2602

TO-4 Powertrain

Industrial TDTO®

Meets the requirements:

SAE 30

CATERPILLAR TO-4

KOMATSU KES 07.868.1

ALLISON C4 (off-road)

MANNOL TO-4 Powertrain Oil is a special gear oil for use in transmission, final drives, hydraulic, brake and other oil-cooled systems in construction, mining and off-road vehicles (tractors, loaders, bulldozers, excavators). Provides a longer life of the clutch discs. Meets the TO-4 requirements for lubricants TDTO® (Transmission/ Drive Train Oil) from Caterpillar. It is not recommended to mix the oil with other hydraulic and/or engine oils.



Test	Method	Unit	Result
SAE-class			30
Density at 15°C	D 1298	kg/m³	890
Viscosity at 40°C	D 445	CSt	105,81
Viscosity at 100°C	D 445	CSt	11,99
Dynamic Viscosity by Brookfield	D 2983	°C	140000
Viscosity index	D 2270		102
Flash point COC	D 92	°C	220
Pour point	D 97	°C	-33
TBN	D 2896	gKOH/kg	7,66

Volume:

10L	MN2602-10	208L	MN2602-DR
20L	MN2602-20	1000L	MN2602-IBC
60L	MN2602-60		

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MANNOL®