



CAT TO-4 SAE 30

Automotive Gear Oils

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Caterpillar Transmission Fluid

This is a high-quality mineral gear oil that has been specifically developed for Caterpillar friction devices, like power shift transmissions, clutches and brakes and in other parts, such as final drives, bevel gears and differentials. This gear oil meets the Caterpillar requirements for use in transmissions, final drives and wet brakes (Cat TDTO). This oil has good fluidity at low temperatures, which results in very good cold-start properties. The oil proves protection of critical parts through its anti-wear and oxidation stability. The specifications of this oil surpass CAT TO-2 and Allison C-3 and may also be used for these applications.

BASE OIL:
MINERAL



SPECIFICATIONS

ALLISON C4
ALLISON TES 439
API CF
API GL-4
CATERPILLAR TO-2
CATERPILLAR TO-4
EATON VICKERS I-280-S

EATON VICKERS M-2950-S
ISO 100
KOMATSU KES 07.868.1
ZF TE-ML 03C
ZF TE-ML 07D
ZF TE-ML 07F

GRADE	METHOD	UNIT	VALUE
Density	ASTM D4052	kg/l	0,88
Kinematic viscosity @ 40 °C	ASTM D445	mm²/s	102,00
Kinematic viscosity @ 100 °C	ASTM D445	mm²/s	11,90
Viscosity Index	ASTM D2270		106
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	9.4
Pour point	ASTM D6892	°C	-36
Flash point	ASTM D92	°C	230
Sulphated ash content	ASTM D874	%	-

All data on this technical data sheet is indicative only

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