



TRANSMI 4 SAE 50

Transmission oil for construction equipment

USES

Can be used where SAE 50 oil with Caterpillar TO-4, Komatsu TO50 or API GL-4 specification is required.

Also suitable for older diesel engines where the use of SAE 50 API CF oil is required. Also suitable for certain types of reducers used in the professional marine sector, requiring an SAE 50 Caterpillar TO-4 oil.

Main uses: axles, final reduction drives and hydraulic systems of construction and agricultural equipment. Particularly suitable for Caterpillar and Komatsu equipment.

Specifications:

CATERPILLAR TO-4

Komatsu TO50 (KES 07-868-1)

API GL-4 & API CF

MAIN PHYSICAL DATA

		Methods	Units	SAE 50
Density at	20°C	ASTM D4052	kg/m ³	899
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	200
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	18
Viscosity index		ASTM D2270		98
Pour point		ASTM D97	°C	-24
Cleveland Open Cup Flash Point		ASTM D92	°C	244

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

- ▶ Excellent anti-oxidation, anti-corrosion and anti-foam properties.
- ▶ Outstanding anti-wear properties extend the service life of lubricated parts (transmissions, axles, gear reducers).
- ▶ Perfectly compatible with seal materials and elastomers of modern transmissions..
- ▶ Good pumpability at cold temperature
- ▶ Prevents foaming.
- ▶ Friction performance level meets the specific requirements of transmissions.
- ▶ Greatly reduces wet brake noise and chatter



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