

Application

TECHNOL TRANSMISSION HD SAE 30 Caterpillar TO4 standards are used in powershift transmissions, rear axles and hydraulic systems of construction vehicles.

- For Caterpillar equipment (-10°C to 40°C)
- In hydraulic systems of SAE 10W,
- In powershift gearboxes of SAE 30,
- SAE 50 is recommended for axles and differentials.
- Used in Komatsu, ZF, Eaton Fuller, Allison, Dana, Rockwell gearboxes and mechanical transmissions.

Properties

- Superior wear protection
- Superior corrosion protection
- Superior anti-foaming protection
- Compatibility with gaskets
- Excellent performance thanks to the compatibility of friction characteristics with reference equipment

Approvals

CATERPILLAR TO-4
KOMATSU MICRO CLUTCH
ALLISON C4 (SAE 10W and 30)
ZF TE ML 03C (SAE 10W and 30)

Specifications

Specifications	Unit	Test method	Results
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	105
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	12
Viscosity Index	-	ASTM D2270	99
Pour Point	°C	ASTM D97	-24

*The features mentioned above are average values obtained with some variability in production and do not constitute a specification