

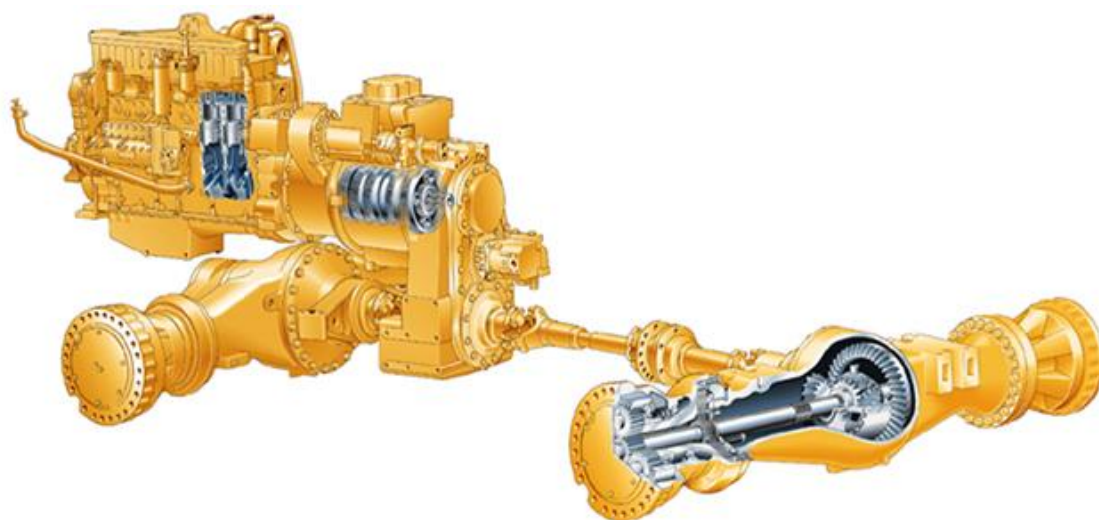
CIM Ultra CAT TO-4 Range

CIM Ultra CAT TO 4 specification oils are blended from High Quality Group II+ Hydro Cracked base oils and formulated using superior additive technology. Specially formulated for use in Komatsu and Caterpillar equipment specifying the use of TO4 oil specifications, it meets and exceeds the performance requirements of Allison C-4 specifications.

The Main criteria of a TO-4 are its frictional properties, gear wear performance, oxidation stability and elastomer compatibility. As opposed to gear oils; these types of transmission fluids use the SAE engine oil viscosity grading system and range from SAE 10W through to SAE 50.

Able to provide an excellent protection against wear and helping to extend equipment life, CIM Ultra CAT TO4 provides superior gear protection, is able to maintain the delicate balance between static and dynamic friction characteristics, providing excellent thermal stability, resulting in an improved load carrying ability, durability and also prevent brake chatter.

Applications



CIM Ultra CAT TO-4 Oil Range is suitable for use in the following applications:

- Heavy Duty Equipment: In both on- and off-highway service that requires a lubricant that meets Caterpillar TO-4, Allison C-4 or API GL-3 specifications
- Caterpillar power shift transmissions
- Hydrostatic transmissions
- Hydraulic systems
- Torque converters
- Final drives
- Recommended for Allison C-4 drive train specifications.

Benefits

The benefits of CIM Ultra CAT TO-4 range oils are:

- It provides an excellent gear protection
- Provides excellent protection against both rust and corrosion
- This transmission oil provides an outstanding cleanliness
- It has an excellent thermal stability.
- This fluid helps to extend component life.
- Fortified with an excellent set of frictional characteristics.

Technical Data: CIM Ultra CAT TO-4 Range

Range	CAT TO-4 10W	CAT TO-4 30	CAT TO-4 40	CAT TO-4 50
TBN	7.9	7.9	7.9	7.9
Viscosity @ 40°C	42	98	140	195
Viscosity @ 100°C	6.3	11.2	12.5-16.5	18
Viscosity Index	115	109	95	112
Flashpoint	229°C	224°C	230°C	232°C
Pour point	-33°C	-18°C	-18°C	-15°C

- **CAT TO-4 SAE 10W grade is mainly used in hydraulic systems.**
ZF TE ML 03C, API GL-4 / CF ,CATERPILLAR TO-4 ,KOMATSU Micro Clutch test (JCMAS), DANA, EATON-FULLER, ROCKWELL, JCB
- **CAT TO-4 SAE 30 grade is mainly used in powershift transmissions.**
ZF TE ML 03C,ZF TE ML 07F, CATERPILLAR, KOMATSU, DANA, EATON-FULLER, ROCKWELL, JCB
- **CAT TO-4 SAE 50 grade is mainly used in axles & final drives.**
CATERPILLAR, KOMATSU, DANA, EATON-FULLER, ROCKWELL, JCB,.

CIM Ultra CAT TO 4 Range

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