

Fullgear CT Series

Multi Purpose Transmission Oils for Construction Machines

PRODUCT DESCRIPTION

Fullgear CT Series, is a high performance gear oil which is developed for automatic or automatic/manual (powershift) transmissions, final drives, wet brake and clutch systems of construction equipments under extreme operating conditions. It is developed for leading equipment manufacturers, especially Caterpillar construction equipments under extreme operating conditions.

CHARACTERISTICS

- Its high load carrying capacity provides long service life by reducing wear in transmissions, final drives and clutch systems.
- It is compatible with materials used in brake and clutch systems, reduces vibrations and noises, so improves operation performance.
- Its special formula provides effective protection against hydraulic pumps wear under high pressure.
- Its high oxidation and thermal stability controls sludge formation, so increases efficiency.

APPLICATIONS

- It is suitable to use in automatic or automatic/manual (powershift) transmissions, final drives, wet brake and clutch systems of construction equipments under extreme operating conditions.

PERFORMANCES

- ALLISON C-4
- CAT TO-4
- KOMATSU KES 07.868.1
- ZF TE-ML 03C

TYPICAL PROPERTIES

| SAE | | 10W | 30 | 50 |
|-------------------------------------|-------------|-------|-------|-------|
| Density@15°C, g/ml | ASTM D 4052 | 0,885 | 0,896 | 0,907 |
| Viscosity@ 40°C, mm ² /s | ASTM D 445 | 39,9 | 90,4 | 210,1 |
| Viscosity@100°C, mm ² /s | ASTM D 445 | 6,3 | 10,6 | 18,8 |
| Viscosity Index | ASTM D 2270 | 104 | 99 | 96 |
| Flash Point, °C | ASTM D 92 | 228 | 250 | 264 |
| Pour Point, °C | ASTM D 97 | -33 | -30 | -24 |

HEALTH AND SAFETY RECOMMENDATIONS

Waste oils must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste oil, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.

The correct use of this product, compliance with applicable laws and regulations is responsibility of the user. Opet Fuchs Madeni Yağ. San. ve Tic. A.Ş. can not be held responsible for any loss or damage arising from the abnormal use and misuse or any hazards of product content and its results.

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