



RAVENOL CATOEL TO-4 SAE 30



ART.-NR. 1310613

20 L | 1310613-020
20 L | 1310613-B20
1000 L | 1310613-700

VISCOSITY 30

SPECIFICATIONS API CF | API MT-1

APPROVALS ZF TE-ML 03C | ZF TE-ML 07F (ZF001852)

RECOMMENDATIONS CATERPILLAR TO-4 | TO-4M | ALLISON C-4 | KOMATSU KES 07.868.1 (2002) | EATON FULLER

RAVENOL CATOEL TO-4 SAE 30 is a special transmission oil developed specifically to meet the stringent requirements of the Caterpillar TO-4 specification. It ensures maximum wear protection in different gears, like side drives and differentials optimized friction coefficient in the power-shift transmissions, wet brakes and clutches and provides maximum service life of the units.

Application Notes

RAVENOL CATOEL TO-4 SAE 30 is formulated to meet the stringent Caterpillar TO-4 specification, and is suitable for use in transmissions, final drives, hydraulic systems, wet brakes and clutches that require this specification of lubricant.

Characteristics

RAVENOL CATOEL TO-4 SAE 30 offers:

- Exceptional wear protection
- High oxidation stability
- Excellent viscosity-temperature behaviour
- Optimizes maximum life span of components

Property	Unit	Data	Audit
Density at 20°C	kg/m ³	884,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm ² /s	11,5	DIN 51 562
Viscosity at 40°C	mm ² /s	103,9	DIN 51 562
Viscosity index VI		98	DIN ISO 2909
Pourpoint	°C	-24	DIN ISO 3016



Property	Unit	Data	Audit
Flash point	°C	264	DIN ISO 2592

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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