



RAVENOL Getriebeöl UTTO

RAVENOL Getriebeöl UTTO is a combined transmission and hydraulic oil on the basis of solvent refined base oils. It is a special developed universal oil which can be used in combined hydraulic and transmission systems of modern tractors. High quality base oils and exclusive additives guarantee a trouble-free operation of all aggregates at any season.

Application Notes

RAVENOL Getriebeöl UTTO is a special developed universal oil for the lubrication and power transmission of combined hydraulic and transmission systems as it mostly requested for farming tractors and diggers.

RAVENOL Getriebeöl UTTO is suitable for wet brakes of load change couplings and minor drives.

Quality Classifications

RAVENOL Getriebeöl UTTO has the following performance data:

Specifications

API GL-4

Approvals

ZF TE-ML 03E, ZF TE-ML 05F, ZF TE-ML 17E, ZF TE-ML 21F

Practice and tested in aggregates with filling

ZF TE-ML 06K, Ford M2C-134D, CNH MAT 3525, MF M-1135, MF M-1143, MF M-1145, John Deere JDM 20A/C, ALLISON C-3, Allison C-4, Caterpillar TO-2, Volvo WB 101, Fiat, NH 410B, NH 420A, Case MS 1205, Case MS 1206, Case MS 1207

Characteristic

RAVENOL Getriebeöl UTTO offers:

- a very high stable viscosity index
- a very low pour point
- a high oxidation stability
- a very high pressure absorption capacity
- protection against corrosion and foam formation as far as possible
- a convenient coefficient of friction during running brakes in oil bath (wet brakes) of load change couplings and minor drives

Characteristics	Unit	Data	Audit
Colour		gelbbraun	visual
Density at 20°C	kg/m ³	880	EN ISO 12185
Viscosity at 40°C	mm ² /s	67,0	DIN 51 562
Viscosity at 100°C	mm ² /s	10,7	DIN 51 562
Viscosity index VI		147	DIN ISO 2909
Flash point (COC)	°C	225	DIN ISO 2592
Pourpoint	°C	-35	DIN ISO 3016
TBN	mg KOH/g	7,3	DIN ISO 3771
Sulphated ash	%wt.	1,19	-

All indicated data are approximate values and are subject to the commercial fluctuations.

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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