

Mabanol Krypton Eco 10W-30 / 10W-40

Universal Tractor Oils (STOU)

Application

Mabanol Krypton Eco 10W-30 and 10W-40 are multigrade multipurpose oils (STOU) for the uniform servicing of units in agricultural equipment and building construction machinery.

These oils are intended for use in diesel and petrol engines, including turbocharged diesel engines, and for use in hydraulic systems and transmissions with combined oil filling. They can also be used in axle drives where API Class GL-5 oil is not designated. For this application Mabanol Radon Gear GL 5 hypoid gear oils are recommended.

Properties

The viscosity classes SAE 10W-30 and 10W-40 allow all-year servicing and ensure not only a good cold engine starting response but an equally efficient response from the hydraulic system.

Mabanol Krypton Eco SAE 10W-30 corresponds to viscosity class 80W-85 and Mabanol Krypton Eco 10W-40 to 80W-90 for gear oils and covers ISO VG 46 to 100 for hydraulic oils.

The special additives in Mabanol Krypton Eco prevent noise and any "stick-slip" phenomena in power-shift clutches operating in oil baths and "wet brakes".

Specifications

- SAE Grades 10W-30 and 10W-40 (Engines)
- SAE Grades 80W-85 and 80W-90 (Gears)
- ACEA E2
- API CF-4/CE/SF (Engines)
- API GL-4 (Gears)

Approvals / Recommendations

- Caterpillar TO-2
- Allison C4
- John Deere JDM J 27 D
- Ford M2C 159 B/C and M2C 134 B/C/D

Approved under a different title

- MB-Approval 227.1
- MIL-L-2104 D
- ISO VG 46 to 100
- HLP, HLPD, HVLP (Hydraulics)
- Massey Ferguson MF CMS M1139/ M1144/ M1145
- Case MS 1206, MS 1207, MS 1209
- ZF TE-ML 06C, 06F, 07B

Data

	Test method	Unit	10W-30	10W-40
Density at 15°C	DIN 51 757	g/cm ³	0.877	0.875
Dyn. Viscosity at -25°C	DIN 51 377	mPa s	6530	6600
Kin. Viscosity at 40°C	DIN 51 562	mm ² /s	71	86
Kin. Viscosity at 100°C	DIN 51 562	mm ² /s	11.3	13.2
Viscosity Index (VI)	DIN ISO 2909		148	154
Flash point COC	DIN ISO 2592	°C	230	230
Pourpoint	DIN ISO 3016	°C	-36	-36
Total base number	DIN ISO 3771	mgKOH/g	11.5	11.5
Sulphate ash	DIN 51 575	g/100g [% w/w]	1.4	1.4

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981