

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

## Universal Tractor Oils (STOU)

### Application

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

These oils are suitable for use in diesel and petrol engines including turbocharged diesel engines as well as for use in hydraulic systems and transmissions equipped with combined oil filling. They can also be used in axle drives where API Class GL-5 oil is not required. For this particular application we recommend the Mabanol Radon Gear GL 5 range.

### Properties

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

Mabanol Krypton Eco SAE 10W-30 corresponds to gear oil viscosity class 80W-85 while Mabanol Krypton Eco 10W-40 matches 80W-90 and also 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 E3 Performance
- API CG-4/SF (Engines)
- API GL-4 (Gears)
- HLP, HVLP, HLPD (Hydraulics)

### Recommended for

- MB-sheet 227.1
- Massey Ferguson MF CMS M 1135/-39/-43/-44/45)
- Fendt Vario
- ZF TE-ML 06B\* (covers 06C/06R), 07B  
(\* excluding transmissions T 7000 from 09/2011–09/2014)
- John Deere JDM J20C/J20D/J27
- Allison C-4
- Ford M2C 86 B/C, 134 D, 159 B/C
- Caterpillar TO-2
- Ford New Holland 82009201/2/3
- Sperry Vickers Eaton I-280-S/Eaton M2950S
- Case MS 1209/1204/1206/1207
- Sauer Sunstrand Danfoss Hydrostatic Trans Fluid
- CNH MAT 3525/3526

### Data

	Test method	Unit	10W-30	10W-40
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0,867	0,867
Dyn. Viscosity at -25°C	ASTM D 5293	mPa s	6.770	6.310
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm <sup>2</sup> /s	76,8	86,4
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm <sup>2</sup> /s	11,7	13,2
Viscosity Index (VI)	DIN ISO 2909		146	153
Flash point COC	DIN ISO 2592	°C	230	234
Pourpoint	DIN ISO 3016	°C	-42	-42
Total base number	DIN ISO 3771	mgKOH/g	10,8	11
Sulphate ash	DIN 51 575	g/100g	1,4	1,4

Updated in March 2017

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981