

# Product information

## Special UTTO SAE 10W-30

PI 21/27/05/2019



### Description

Modern multi-purpose oil, which meets the newest requirements of latest drive systems (transmission/hydraulic systems), including wet brakes. Carefully selected additives ensure a wear-protective, oxidation- and shear-resistant multi-grade oil, which is suitable for a wide range of applications.

### Properties

- high wear resistance
- stable to oxidation
- excellent resistance to aging
- universal application
- rationalizes storage
- high pressure-absorption capability

### Specifications and approvals:

Caterpillar TO-2 • Allison C4 • API GL4 • ZF TE-ML 03E • ZF TE-ML 05F • ZF TE-ML 17E • ZF TE-ML 21F • ZF approval number ZF001368

### LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:

AGCO Q-1826 • Case (IHC) MS 1204 • Case (IHC) MS 1205 • Case (IHC) MS 1206 • Case (IHC) MS 1207 • Case (IHC) MS 1209 • Case (IHC) MS 1210 • Case (IHC) B6 • Deutz • Fendt • Ford New Holland M2C 41-B • Ford New Holland M2C 48-B • Ford New Holland M2C 53-A • Ford New Holland M2C 86-B • Ford New Holland M2C 86-C • Ford New Holland M2C 134-A • Ford New Holland M2C 134-B • Ford New Holland M2C 134-C • Ford New Holland M2C 134-D • John Deere J20C • John Deere J20D • Landini • Massey-Ferguson M1135 • Massey-Ferguson M1141 • Massey-Ferguson M1143 • Massey-Ferguson M1145 • New Holland NH 410B • Renault • SAME-Lamborghini • Schlüter • Volvo BM WB 101

### Technical data

SAE class (engine oils)	10W-30 SAE J300
SAE class (gear oils)	80W SAE J306
Density at 15 °C	0,880 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	63,7 mm <sup>2</sup> /s DIN 51562
Viscosity at 100 °C	11,7 mm <sup>2</sup> /s DIN 51562



### Technical data

Viscosity at -26°C (Brookfield)	< 20000 mPas ASTM D 2983-09
Viscosity at -25°C (CCS)	<= 7000 mPas ASTM D 5293
Viscosity index	182 DIN ISO 2909
Pour point	-33 °C DIN ISO 3016
Evaporation loss (Noack)	11,7 Gew.-% CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	9,7 mg KOH/g DIN ISO 3771
Color number (ASTM)	L2,5 DIN ISO 2049

### Areas of application

For agriculture and forestry vehicles and machines, as well as for vehicles and machines which are used in mining and require an all-purpose transmission and hydraulic oil with this specification.

### Application

The operating regulations of the vehicle and machine manufacturers must be followed. However, full effectiveness is only possible when used unmixed.

### Available pack sizes

20 l Canister plastic	1258 D-GB
60 l Drum sheet metal	3145 D-GB
205 l Drum sheet metal	1259 D-GB

**Our information is based on thorough research and may be considered reliable, although not legally binding.**