

# **Technical Data sheet**

## ECOUNI - UTTO

## Fully Synthetic Universal Tractor Oil

#### **Description**

**EcoUNI** is a premium quality multi-purpose tractor oil, which is thermally produced from synthetic saturated esters. Thanks to its well-balanced combination of additives **EcoUNI** offers increased lubrication capacity and extra abrasion protection. **EcoUNI** provides improved anti-friction properties and texture, thus effectively protects against corrosion even in a very humid environment and broad range of temperatures. It surpasses the conventional lubricants for functional properties and stability in working conditions. **EcoUNI** is readily biodegradable for reduced environmental footprint.

#### **Areas of Application**

**EcoUNI** is specifically designed synthetic lubricant for gear-type transmissions, hydraulic systems and wet brakes of mobile machines, particularly when working in environmentally sensitive areas. **EcoUNI** is completely degradable in the soil (with the aid of microorganisms), therefore meets the most demanding requirements of tractor and mobile machinery manufacturers as well as environmental protection standards.

### **Specifications**

API GL-4

SAE 80W

DIN 51 524/3 HLPD 68

MASSEY FERGUSON M1127, M1135, M1141

ISO VG 68

WHITE FARM Q-1826

DD ALLISON C-4

CATERPILAR TO-2

ZETOR

#### **Characteristic features:**

- Great lubrication performance;
- Excellent anti-wear protection;
- Superior friction performance for transmission clutches and gear boxes;
- 5 times longer change interval;
- Very good thermo-oxidation stability;
- Excellent protection against rust and corrosion;
- Extra EP and AW additives

#### TYPICAL CHARACTERISTICS

PARAMETER	UNIT	TEST METHOD	VALUE
Density at 15 °C	kg/m³	ISO 12185	931
Kinematic Viscosity at 40°C	mm²/s	ASTM D445	68
Kinematic Viscosity at 100°C	mm²/s	ASTM D445	11
Viscosity index	-	ASTM D2270	160
Dynamic viscosity Brookfield at -20 °C	mPa.s	ASTM D 2983	6,5
Dynamic viscosity Brookfield at -30 °C	mPa.s	ASTM D 2983	23

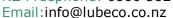
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Corrosion at Cu, 100 °C / 3 hours		ISO 2160	1a
Pour point	°C	ASTM D97	-48
Flash point, COC	°C	ASTM D92	>200
Biodegradability (within 21 days)	%	CEC-L-33-A-93	>80

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