

## 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	JI CASE MS1204, MS1205	WHITE FARM Q-1826
SAE 80W	JOHN DEERE J20C	DD ALLISON C-4
DIN 51 524/3 HLPD 68	MASSEY FERGUSON M1127, M1135, M1141	CATERPILAR TO-2
ISO VG 68	FORD NEW HOLLAND M2C134D	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/m <sup>3</sup>	ISO 12185	931
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	68
Kinematic Viscosity at 100°C	mm <sup>2</sup> /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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