

EcoUNI

Universal Tractor Oil

Description

EcoUNI is a premium, readily biodegradable, multi-purpose lubricant produced thermally 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. It is excellently 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 working in an open environment. It meets the most demanding requirements from tractor and mobile machine manufacturers. This product is completely degradable in the ground, therefore is not a subject to recycling obligations in the food chain.

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 ³	ISO 12185	931
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	68
Kinematic Viscosity at 100°C	mm ² /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
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

Issue Date: 7/3/2013

Pacific Bio Lubricants Limited
 11H Piermark Drive, North Harbour
 Auckland 0632, New Zealand
 Postal: PO Box 35085, Auckland 0753

Sales and Technical Support
 Phone: +64 9 9734390
 NZ Freephone: 0800 582 326
 Email: info@lubeco.co.nz

