

EcoSEP

READILY BIODEGRADABLE RELEASE AGENT

Description

LUBECO™ EcoSEP is a non-stick, low-viscosity release agent based on vegetable ester base oils. It contains special thermo-oxidative and anti-corrosion additives. When applied, it creates a long-lasting oil film.

EcoSEP is readily biodegradable and environmentally considerate product.

Specifications

- ISO VG 10, ISO 6743: ISO-L-B

Areas of Application

EcoSEP is used for stripping of iron, plywood and wood boarding. It can also be used on pressed plastic materials and for asphalt mixtures separation & transport.

EcoSEP is highly suitable for separation of acrylic model boards from concrete (i.e. reinforced cement) and solidified kernels from cores.

EcoSEP can be applied by spraying under the pressure of 4-8 atm.

For applications done by using a brush or paint roller the recommended thickness is from 12 to 15 g/1m².

Characteristic features:

- Excellent lubrication performance
- Low viscosity release agent creating long-lasting oil film of 60-80 m²/kg
- Improved rust and corrosion protection
- Greater cold-exposure properties
- Excellent thermo-oxidation stability
- Lower aerosol creation (of 30% and more compared to the usual release agents)
- Use of EcoSEP does not affect technical parameters of asphalt or concrete mixtures
- Non-toxic, readily biodegradable according to OECD 301B and OECD 301D



Typical characteristics

PARAMETER	UNIT	TEST METHOD	EcoSEP
Density at 15 °C	kg/m ³	ISO 12185	916
Kinematic Viscosity at 40°C (ISO VG)	mm ² /s	ISO 3104	7-14
Pour point	°C	ISO 3016	< -20
Flash point, COC	°C	ISO 2592	200
Steel corrosion at 100°C/3h			Negative
Biodegradability (within 28 days)	%	OECD 301D	Exceeds

The above-listed data represent average values. Material Safety Data Sheet available on request.

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