

OLICUT LAT ECO

DESCRIPTION:

A highly refined and fluid pure oil, specifically formulated with mineral bases and selected and reinforced with ester-based, high-polarity synthetic oils to improve its lubricating capacity, reducing wear on the tool and improving the surface finish of the part in relation to conventional mineral oils.

Recommended for general low-difficulty cutting and machining and bar turning of aluminium and bronze parts and other light copper alloys, as well as mild steel.

An eco-friendly product free of chlorine and other substances that harm the environment.

PROPERTIES AND ADVANTAGES:

- ✓ Excellent cooling power enabling the rapid removal of heat from the working area, while preventing the part from being welded with chips.
- ✓ Reduced friction coefficient between the part and the tool. Increases the service life and performance of cutting tools.
- ✓ Transparent. Enables the machining process to be viewed.
- ✓ Rapid decantation of chips and other residue, guaranteeing perfect visibility.
- ✓ Resistant to oxidation.
- ✓ Neither stains nor darkens machined parts.
- ✓ No smoke generated.
- ✓ A high flashpoint, guaranteeing risk-free use.

USES

- ✓ Recommended for general low-difficulty cutting and machining and bar turning of aluminium and bronze parts and other light copper alloys.
- ✓ Machining of mild steel in automatic lathes.
- ✓ Grinding operations.
- ✓ Saw-cutting of soft materials.

TECHNICAL DATA:

PHYSICAL-CHEMICAL CHARACTERISTICS	STANDARD	VALUE
COLOUR, Max.	ASTM D-1500	3,0
Appearance	Visual	Transparent liquid
Kinematic Viscosity at 40 °C (cSt)	ASTM D-445	16 - 24
Density at 15 °C (kg/L)	ASTM D-1298	0.860 - 0.880
Flashpoint (°C)	ASTM D-92	> 180
Resistant to oxidation.	CETA -20529	Complies
Corrosion in steel	CETA -20516	Complies
Corrosion of copper (3h, 100 °C), max	ASTM D-130	1a

MODE OF USE

OLICUT LAT-ECO is used pure with no dilution. It can be mixed with oils of the same nature.

Do not use in medium - high difficulty operations or the machining of hardened steel.

PACKAGING FORMAT:

20-litre bottles, 200-litre drums and 1000-litre containers.