

# LACTUCA LT 3000B-S



METALWORKING  
LUBRICATION



Chlorine-free macro-emulsion for machining copper alloys and mild steels

## APPLICATIONS

Soluble oil for mild  
steels and copper alloys

Rust preventive

- **LACTUCA LT 3000B-S** is a macro-emulsion containing biocide specifically designed for the conventional machining of copper alloys and screw cutting brasses. It is also fully satisfactory for all processes involving fine carbon steels. Recommended proportions: 3 to 6 %.
- Temporary protection of mechanical parts, machined or not, where easy removal of the rust preventive is required.

## SPECIFICATION

ISO 6743/7 Category L MAA

## ADVANTAGES

Very easy to use

- Very easy to use: simply pour **LACTUCA LT 3000B-S** into good quality water.
- Forms stable emulsion
- Good resistance to bacterial growth
- Good corrosion resistance of machined parts
- Excellent anti-foaming properties.
- Non-staining

## CHARACTERISTICS

TYPICAL CHARACTERISTICS LACTUCA LT 3000B-S	
Color ASTM D 1500	5.0
Viscosity at 40 °C, cSt ASTM D 445	41.6
Specific gravity @ 60/60°F ASTM D 1298	0.874
Flash point, COC, °F (°C) ASTM D 92	360 (182)
Emulsion stability, 24 hr modified ASTM D 3707	
A. 5% oil in distilled water	Slight ring - no oil
B. 5% oil in 340 ppm CaCO <sub>3</sub>	1 ml Cream cuff - no oil
Pour point, °F (°C) ASTM D-97	+10 (-12)

## HANDLING OPERATIONS-HEALTH & SAFETY

**LACTUCA LT 3000B-S** contains no chlorine, nitrites or PTBB, NPE, DEA. It is produced from virgin, solvent-refined base oil, and has a mild odor due to the biocide.

TOTAL Lubricants USA Southwest

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**Lactuca LT 3000B-S**  
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