

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 ₃	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.

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LACTUCA

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.