

# LACTUCA DDC 5000-S



METALWORKING  
LUBRICATION



Heavy-duty soluble oil for machining most metals

## APPLICATIONS

Soluble oil for a wide  
range of metals and  
processes

Rust preventive

- **LACTUCA DDC 5000-S** is a macro-emulsion containing chlorine. It is specifically designed for the heavy duty machining of more difficult ferrous and non-ferrous alloys. The presence of this extreme pressure additive reduces friction between the chip and the tool. Recommended proportions: Severe machining 5-9%, Very severe machining 7-12%. Gear cutting 10-15%.
- Temporary protection of mechanical parts, machined or not, where easy removal of the rust preventive is required.

## SPECIFICATION

ISO 6743/7 Category L MAD

## ADVANTAGES

Very easy to use

Dyed for easy  
recognition

- Very easy to use: simply pour **LACTUCA DDC 5000-S** into good quality water.
- Forms stable emulsion with good resistance to bacterial growth
- Increase tool life due to antiwear and EP properties
- Good corrosion resistance of machined parts
- Excellent anti-foaming properties.
- Dyed red for easy recognition

## CHARACTERISTICS

TYPICAL CHARACTERISTICS LACTUCA DDC 5000-S	
Color ASTM D 1500	red
Viscosity at 40 °C, cSt ASTM D 445	50.2
Specific gravity @ 60/60°F ASTM D 1298	0.923
Flash point, COC, °F (°C) ASTM D 92	285 (141)
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 DDC 5000-S** is free of formaldehyde. **LACTUCA DDC 5000-S** 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 DDC 5000-S**  
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