

LACTUCA WBA 5400



Metalworking

TOTAL

Macro-emulsion for multipurpose applications which works on a wide range of metals.

APPLICATIONS

- **LACTUCA WBA 5400** is recommended for workshop where there is a great variety of machining operations and materials are handled in your workshops.
- **LACTUCA WBA 5400** is especially adapted to difficult machining and regrinding operations.
- **LACTUCA WBA 5400** is suitable for machining ferrous and non ferrous metals.
- Recommended use rates:
 - grinding: 3 to 5 %
 - mild machining: 5 to 7 %
 - severe machining: 7 to 10 %.

SPECIFICATIONS

ISO 6743/7

- ISO-L MAB

ADVANTAGES

- **LACTUCA WBA 5400** is very easy to use, simply by pouring it into good quality water.
- Excellent cooling and lubricant power.
- Efficient protection of machined parts and machines against corrosion.
- Good mechanical performances, providing:
 - Reduced cutting efforts
 - Extended tool lifetime
 - Very good surface finish to parts.
- Properties in service:
 - Excellent stability over time increases drain intervals;
 - Cuttings have low rate of humidity;
 - Good anti-foaming properties.
- Resist to the development of bacteria and mould very well, so is more environmentally and operator friendly.
- Its specific technology contains no bactericide or amines.
- Extremely multifunctional.
- Very good skin tolerance for reducing allergies and reactions in operators.

HEALTH - SAFETY

- Is free of bactericide, no formaldehyde liberator, no boron and no amine.
- Does not contain: chlorine, PTBB, nitrite, DEA, phenol.

TOTAL LUBRICANTS
Industry & Specialties
12-04-2011 (supersedes 23-11-2010)
LACTUCA WBA 5400
1/2



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.

STANDARD CHARACTERISTICS	METHODS	UNITS	LACTUCA WBA 5400	
			CONCENTRATE	EMULSION A 5 %
Density at 15°C	kg/m ³	ISO 3675	954	
Kinematic viscosity at 40°C	mm ² /s	ISO 3104	33	
pH		N F T 60193		9.2
Refractometric factor			1	

Above characteristics are mean values given as an information.

RECOMMENDATIONS FOR USE

- To ensure good conservation of the fluid's properties through time and thus increase its lifetime, we recommend:
 - Regular monitoring of the concentration of the bath with a refractometer. Do not forget to multiply the reading value by the refractometric factor.
 - Regular monitoring of the pH of the emulsion and the hardness of the water.
- Total offers its clients a regular laboratory fluid analysis service:
SOLUBLE CHECK.
Get in touch with your sales contact to obtain further information.
- Before using any fluid for the first time or before each change, we recommend cleaning the machine with a specific cleaning product:
CONTRAM CB 3.
- If punctual top-ups of Biocide are required, Total offers an efficient product:
EBOTEC BT 80.

Your sales and technical contacts are ready to provide you further information.