

# LACTUCA WBF 9400



*Metalworking*



**Macro-emulsion for multipurpose applications to very difficult machining.**

## APPLICATIONS

- **LACTUCA WBF 9400** is recommended for average to very difficult machining and grinding operations on ferrous and non ferrous metals.
- **LACTUCA WBF 9400** has a high content of fatty esters. It is suitable for sawing, broaching, thread forming and deep drilling.
- Recommended use rates:
  - Grinding: 4 %
  - Moderate machining: 5 to 7%
  - Severe machining: 7 to 10% for very severe machining.

## SPECIFICATIONS

ISO 6743/7

- Code ISO-L MAB

## ADVANTAGES

- **LACTUCA WBF 9400** 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.
- Very multifunctional.
- Lubricity.
- Extreme pressure.

## HEALTH AND SAFETY

- Is free of: formaldehyde liberators.
- Does not contain: chlorine, nitrite, DEA or phenol, acide borique.

TOTAL LUBRIFIANTS  
Industrie  
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LACTUCA WBF 9400  
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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](http://www.quick-fds.com).

STANDARD CHARACTERISTICS	METHODS	UNITS	LACTUCA WBF 9400	
			Concentrate	Emulsion at 5%
Density at 15°C	NF T 60172	kg/ m <sup>3</sup>	940	
Kinematic viscosity at 40°C	NF T 60100	mm <sup>2</sup> /s	32	
pH	NF T 60 193			9
Refractometric factor			1.1	

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.