

# LACTUCA LT 2 AP



**Metalworking**

**Chlorine free macro-emulsion for general machining & light duty rolling**

## APPLICATION

- **LACTUCA LT 2 AP** is specifically designed for be multi-functional and compatible with both ferrous and non-ferrous metals
- Suitable for use in slow speed – narrow width reversing rolling mill
- Suitable for use in tube rolling mills

Materials	Recommended Concentration (%)	
	General Machining	Light Duty Rolling (sheet & tube)
Cast Iron	5 – 7	--
Low and Medium Alloy Steel	6 – 8	2.5 - 4
Stainless Steel	7 – 10	--
Aluminum	5 – 7	--

- Ideal water hardness range – 50ppm to 500ppm

## ADVANTAGES

**LACTUCA LT 2 AP** is the latest generation of macro-emulsion which cater to a broad spectrum of applications and metals. Thereby making it an extremely versatile product

- Rapid emulsification – easily to mix and maintain
- Excellent resistance to in-process corrosion
- High 'Alkalinity Reserve' to ensure highest possible service life
- Excellent anti-wear and anti-weld additives, ensuring optimum tool life with consistent surface quality
- Operator friendly
- Reduced top-up and carry over losses

TYPICAL CHARACTERISTICS	METHODS	UNITS	LACTUCA LT 2 AP
Density at 20 °C	-	kg/m <sup>3</sup>	877
Emulsion Colour	Visual	-	White
pH @ 5% (in 200ppm water hardness)	DIN 51369	-	9.1
Refractometric factor	-	-	1
Corrosion Break-point	IP 287	v%	4

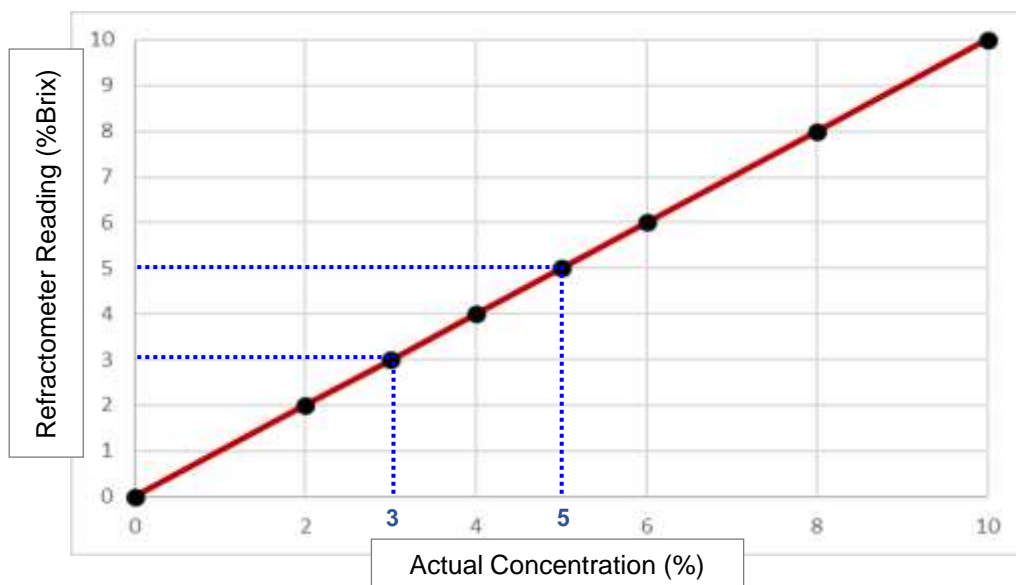
Above characteristics are mean values given as an information.

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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. is obtainable via your commercial adviser <https://ms-sds.totalenergies.com/totalpullwebsite/>.

## CONCENTRATION CONTROL



## HANDLING and STORAGE

- Store in cool and well-ventilated area
- Ensure no direct contact of sunlight, rain or snow with the drum
- Ideal storage temperature range: 5 to 40°C
- Shelf Life: 12Months
- Emulsion condition monitoring, to ensure high service life:
  - > Daily monitoring of concentration, with hand-held refractometer
  - > Weekly monitoring of pH, with pH paper or hand-held pH meter
  - > Monthly monitoring of emulsion hardness & chloride content
- Comply with local regulations to ensure proper treatment before disposal

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