

Lactuca LT 2 AP

Chlorine Free macro-emulsion for general machining and light duty rolling

Description

Lactuca LT 2 AP is the latest generation of macro-emulsion, which goes beyond performance boundaries of traditional high oil containing water extendable fluids

Designed with rapid emulsification technology. Adding to that high alkalinity reserve coupled with excellent surface passivation means **Lactuca LT 2 AP** can perform dual function of Metal Removal and Light Duty metal rolling

Application

Material	General Machining	Light Duty Rolling
Cast Iron	□□	--
Mild Steel and Galvanized Steel	□□□	□□□
Stainless Steels	□□	--
Aluminum alloys	□□	--

□□□ Designed for | □□ Suitable | □ Possible | -- N.A.

Feature > Benefit

Rapid Emulsification > Fast and effective mixing

High Alkalinity Reserve > High Service Life with improve Bio-Activity control

High Surface passivation > Reduced risk of in-process corrosion

Consistent Oil Droplet Distribution > Improved tool life and surface finish

Excellent Tramp-oil rejection > High service life and contamination resistance

Typical Characteristics

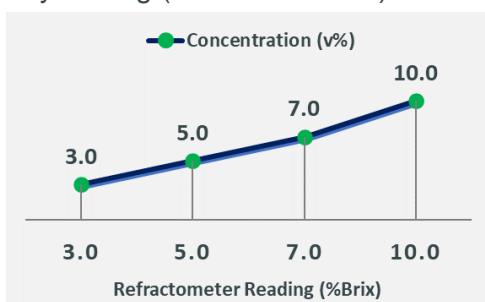
Characteristic	Test Method	Unit	Lactuca LT 2 AP
Density @ 20°C	ISO 12185	Kg/m ³	877
Appearance 5% Emulsion (in DM water)		--	Opaque White
pH @ 5%	DIN 51369	--	9.1
Corrosion Break point	DIN 51360/2	v%	4
Refractometric Factor		--	1

All characteristics are mean values and shared as information

Concentration Recommendation

General machining : 5 – 10v%

Light Duty Rolling (Sheet and Tube) : 3 – 4v%



Storage and Handling

> Always wear recommend personal protective gear while operating

> Ensure compliance with local regulation during disposal

> Store in covered well ventilated area, ensuring no direct contact with sunlight, rain, or snow

> Ideal storage temperature 5°C to 40°C

> Shelf life: 12months from date of manufacturing

> For optimum performance regularly monitor and maintain concentration and pH range as recommended