

LUBRICOUPE

SOLUBLE CUTTING OIL

7 good reasons for using LUBRICOUPE

1. Boron-free high performance **soluble** cutting oil (**microemulsion**). Developed for difficult operations on cast-iron, steel and aluminium.
2. Bacteriostatic, semi-synthetic, soluble fluid for standard **machining** jobs, and for grinding cast iron and steel.
3. Wide range of water hardnesses: very high emulsion stability even in very hard water (hardness up to 100°f).
4. Excellent lubricating properties associated with significant wetting and heat transfer ability.
5. Excellent **detergent** qualities ensure the cleanliness of the machines and an excellent biostability (from 6%)
6. Good **anti-corrosion** protection when used at the recommended concentration.
7. Excellent bio-resistance.

Particularly suitable for use in



Industry



Transport



Construction

For standard **machining** jobs, and for grinding cast iron, steel, aluminium (apart from alu series 7000)
Ideal for general machining of metals in most water qualities (multi-purpose applications).

Complies with the French decree of 13 Juillet 2006 on work which results in exposure to formaldehyde.

Free from formaldehyde, BIT, triazine, secondary amine (diethanolamine), Chlorine, Zinc and heavy metals, nitrite, silicone.

Characteristics		Instructions for use	
	Standards	Values	
		concentrated	
Appearance/colour		Clear, light amber	Standard use concentration: 7 to 12 % according to the type of application Water hardness: 90-350 ppm (9-35 °TH).
Mass volum at 15°C	NFT60-101	1001 kg/m ³	To check the baths' efficiency, measure the refractive index with a pocket refractometer.
Kinematic viscosity at 40°C	NFT60-100	43mm ² /s	Refractometer reading 1.7 %/°Brix (use during the first weeks of the bath, then use the true concentration).
Base oil		Mineral	Fluid maintenance: A badly prepared tank can impair the stability of the product and generally reduces the service life of the cutting fluid. All equipment which comes into contact with the fluid must be cleaned (with SYNERAL) and disinfected before a tank change.
Refractometer reading		1.7%/°Brix	
Accepted maximal hardness		100°F	
Steel corrosion limit	DIN 51360	4.5%	
		Appearance at 5% in distilled water	
Appearance		Opalescent	
pH		9.3	

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7 +

SYNERAL: Safety universal cleaner

Our cardboard packaging is recyclable and is manufactured according to FSC forest-friendly guidelines. Our plastics are easily recyclable. This datasheet supersedes previous documents. The information contained in these data sheets is based on our present knowledge and experience and is given as indication only. Under no circumstances does it engage our responsibility in the event of misuse of our products. Non contractual photos and images.



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