

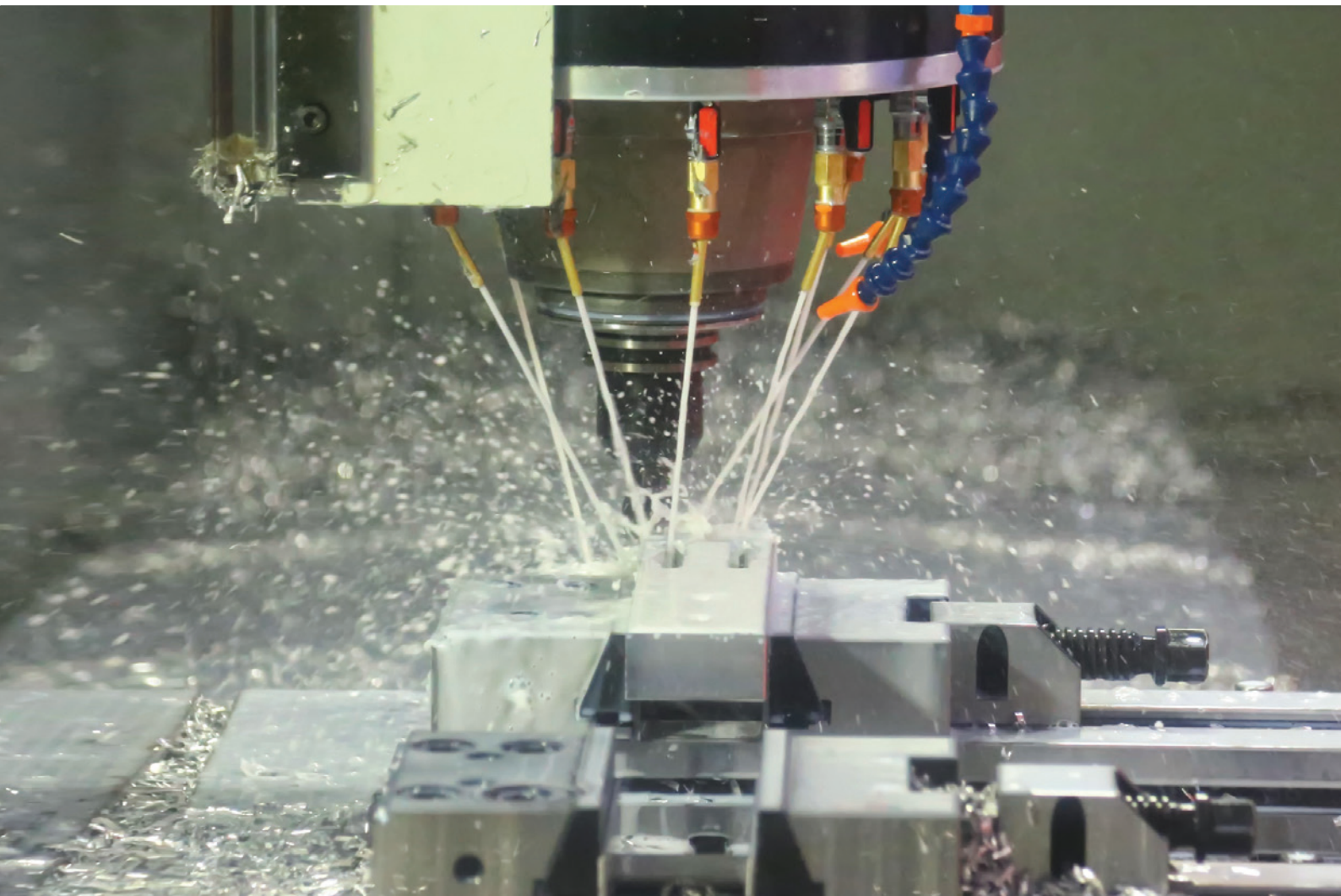


Superior Solutions

Metalworking fluids



Providing products and technologies for industry
for over seventy years



Zep: a global partner



STABILITY

Thanks to the high quality of the additives in the formulations, Zep's cooling lubricants ensure perfect stability even on machines used for heavy-duty processes.

Our formulations also have biostatic properties that help to increase the life span of the cooling lubricant bath.



PERFORMANCE AND CONSUMPTION LEVELS

The oil content ensures better protection both for workpieces and machine tools. Zep concentrates are formulated with a low percentage of water and high levels of oil, oil additives and EP additives.

Advantages:

- ✓ Possibility of a single high-performance product for the machining of all materials including aluminium.
- ✓ Ability to work from 3% to 15% concentration for maximum productivity and reduced tool wear.
- ✓ Compatibility with high pressure machines.
- ✓ Best finishing and cutting parameters.



HEAVY DUTY
MACHINING



TURNING



MILLING

		HEAVY DUTY MACHINING	TURNING	MILLING
EMULSIFIABLES	METALUBE SEMISYNTH HS		✓	✓
	METALUBE ENDURANCE EP	✓	✓	✓
SEMI-SYNTHETICS	METALUBE SEMISYNTH 10		✓	
	METALUBE SEMISYNTH 21	✓	✓	✓
SYNTHETICS	METALUBE MWF TOP			
	METALUBE SYNTH 25			
INTEGRALS	METALUBE COOL DRILL			
	METALUBE FOG			
	METALUBE MAXOL			
	METALUBE COOL FLUID AERO		✓	✓
	METALUBE ALU			
	METALUBE TRAP AERO			
	LUBEZE TAPS IT			



SAFETY



Health, safety and sustainability are fundamental and essential elements for Zep. Our cooling lubricants have been developed in compliance with regulatory requirements and the best production systems in the industry, whilst ensuring quality and efficiency.

SERVICE



Zep's mission is to ensure maximum results from our cooling lubricants, to reduce costs and increase productivity. Our technical and commercial operators guide the customer in choosing the right oil for each machining process. Zep is not only able to provide cutting-edge oils, but can also assist customers with their everyday management of the products. Monitoring the parameters of fluids in use, ensuring that the products will last as long as possible, equals a reduction in usage and disposal costs.

THREAD TAPPING	BORING	ALUMINIUM CUTTING	BAND SAW CUTTING	GRINDING	CARBIDE SHARPENING
				✓	
✓	✓				
			✓	✓	
			✓	✓	
				✓	✓
				✓	
✓	✓				
	✓	✓			
✓	✓				
		✓			
✓	✓				
✓	✓				

INTERVENTION PRODUCTS

METALUBE BIOL 32

Additive with biocidal action for the continuous and careful maintenance of cooling lubricant baths subject to microbiological alteration. Ideal for emulsifiable, semisynthetic or synthetic oil baths, but also suitable for all kinds of water-based baths (e.g. spraying booths). It works to prolong the life of the bath, improving the chemical and physical characteristics, including the odour.

METALUBE CLEAN 24

Specific product for periodic cleaning and sanitisation of cooling lubricant baths. Can be applied without interrupting production or machine processing. Deep-cleans, removing any debris. De-greases and emulsifies all kinds of oily deposits. At the recommended concentrations, the product does not generate foam, even with soft water. Prevents rust formation.

EQUIPMENT

MIXER OIL

Control unit for the preparation of cooling lubricant solutions.



OIL SEPARATOR

Easy to apply belt separator for removal of lubrication oil from cooling lubricant emulsion on machine tools. Drawing height 200 mm.



pH CONTROL

- pHMETER
- COLOUR DETECTION CHARTS

OIL CONCENTRATION

- OLEOMETER LUBE METER 2000

DOSAGE

- CAP/TAP FOR 20LT DRUM

WATER HARDNESS

- IPT WATER ANALYSIS KIT

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