

# EMULSION



## LUBRILIS 7221

*Multipurpose emulsion*

### DESCRIPTION

**LUBRILIS 7221** is a soluble concentrate specially designed for standard machining operations which require higher lubrication properties.

**Operations:** turning, milling, machining center, drilling, threading...  
**LUBRILIS 7221** is recommended for the machining of ferrous metals, copper, brass and standard aluminum alloys.

### BENEFITS

- ➔ Good fluid stability, incorporates hard water for a longer shelf life of fluid
- ➔ Bio-stable product
- ➔ Very good lubricity
- ➔ Product free of nitrite, chlorine, boron and secondary amine so respectful of the environment and the operator
- ➔ Unlabeled product

### RECOMMENDED CONCENTRATIONS

- For the machining of copper: 5% minimum
- For the machining of ferrous metals: 7% minimum
- For the machining of standard aluminum alloys: 8%

### TECHNICAL CHARACTERISTICS

Characteristics	Units	Method	LUBRILIS 7221
Aspect			Light brown
Density at 15°C	Kg/l	ISO 12.185	0.893
pH of a 5% emulsion		NFT 60.193	8.9
Corrosion break point	%	IP 287	6
TH range of use			15 - 60
Coefficient of degree Brix correction			0.9

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[www.motul.com](http://www.motul.com)

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1/2

*Technology for  
 industry*

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### INSTRUCTIONS

Before commencing, thoroughly clean the installation with an antiseptic such as the **Contram CB1**, drain, and rinse with water.

It is recommended to gradually add the **LUBRILIS 7221** to the water whilst stirring in order to achieve an optimum solution.

For efficient commissioning and use, consult the user guide - **soluble cutting fluids**.

### SERVICES AND MATERIALS

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and in-use monitoring of your lubricants. Please contact your technical sales representative.

#### RECOMMENDATIONS

*The MOTUL TECH Soluble cutting oils LUBRILIS range, are produced from petroleum components and highly refined, high quality additives. The usage of petroleum products requires care and caution when handling.*

*All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment.*

*Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance.*

*The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions.*

*To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at [www.motul.com](http://www.motul.com).*

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