



MOTULTECH LUBRILIS 7221

Multipurpose Emulsion

MINERAL BASE

DESCRIPTION

LUBRILIS 7221 is a water soluble metalworking fluid concentrate dedicated for general machining of copper alloys, cast iron, steel and standard aluminium alloys.

Thanks to its special formulation, **LUBRILIS 7221** is particularly effective when high lubrication level is needed.

ADVANTAGES

- Excellent lubricating and cooling properties
- Low foaming product
- Excellent bio stability in use
- Operator friendly
- Cleanliness of working environment

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	LUBRILIS 7221
Aspect	-		Liquid
pH	-	NFT 60.193	8.8 at 5 %
Break Point Corrosion	%	IP 287	6
Refractometer Factor	-		0.96
Water Hardness range	ppm		150-500

These characteristics are given only for information and can be updated over time.

RECOMMENDED CONCENTRATIONS OF USE

- General machining of steel: 6-8%
- General machining of non-ferrous alloys: 6-10%
- Heavy duty machining: 8-10%
- Grinding: 5-7%



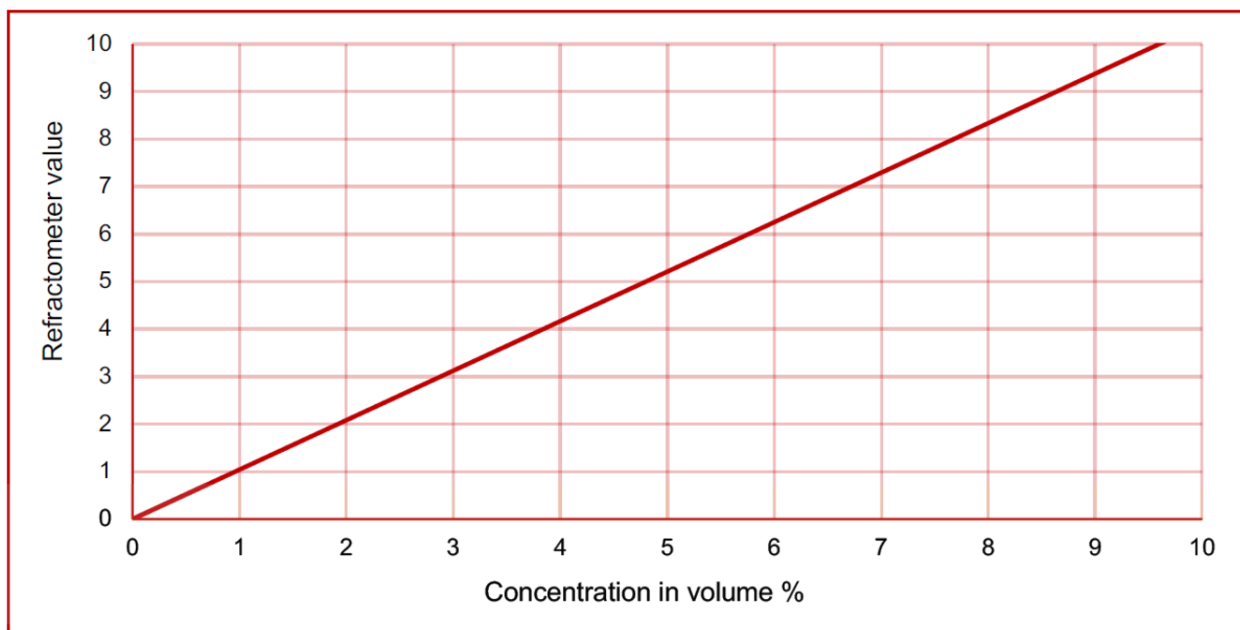
HEALTH AND SAFETY

- Boron, nitrites, DEA and glycol ether free, without chlorinated and phosphorous additives
- Operator friendly: good dermatological behavior and easy to use

The refractometer reading must be multiplied by the refractometer factor to arrive at the real concentration.

LUBRILIS 7221 can be used for machining of aluminium and copper alloys. However, we recommend to check the tendency of the alloy to stain before use.

REFRACTOMETER CURVE



INSTRUCTIONS

Before first fill, thoroughly clean the installation with an antiseptic such as **CONTRAM CB3**. Drain and rinse the system with water.

If no volumetric mixing system is available, slowly pour **LUBRILIS 7221** into water while stirring continuously to achieve a correct preparation of the emulsion.

To ensure the best quality of emulsion and maximize the fluid efficiency, consult the **Good Practices Handbook - Metalworking Soluble Fluids**.

SERVICES AND EQUIPMENT

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



Important Notice

Information disclosed in this technical data sheet is based on MOTUL's experience and know-how in the development and manufacture of lubricants and other chemical products according to the current state of knowledge.

Any chemical product must be used in the intended application and in accordance with the recommendations provided in its safety data sheet freely consultable via the site <https://www.quickfds.com/fr/>. The performance of our products may be influenced by a series of factors, including conditions of use, application methods, operational environment, pretreatment of components, possible external contamination, etc ... For these reasons, universal recommendation of our products is impossible. The information in the technical data sheet represents general, non-binding guidelines and is given for guidance only. No express or implied warranty is given regarding the properties of the product or its suitability for a given application.

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