

SAFKOOL 6620

MICRO-EMULSION FOR MACHINING

Semi synthetic fluid

DESCRIPTION

SAFKOOL 6620 is a water emulsifiable metalworking fluid concentrate dedicated for all machining operations that require high cooling and extreme-pressure properties.

SAFKOOL 6620 is recommended for the machining of ferrous, high alloyed steels and stainless steels.

Thanks to its specific additives, **SAFKOOL 6620** is perfectly suitable for severe operations like broaching, boring, tapping and some forming applications.

BENEFITS

- Excellent cooling properties
- Very good EP properties
- Optimization of surface finish
- Excellent bio stability and stability in use
- Operator friendly
- Cleanliness of working environment

HEALTH & SAFETY

- Formaldehydes & formaldehydes releasers free
- Nitrites, glycol ether and DEA free, without chlorinated additives
- Operator friendly: good dermatological behavior and easy to use

RECOMMENDED APPLICATIONS & DILUTIONS OF USE

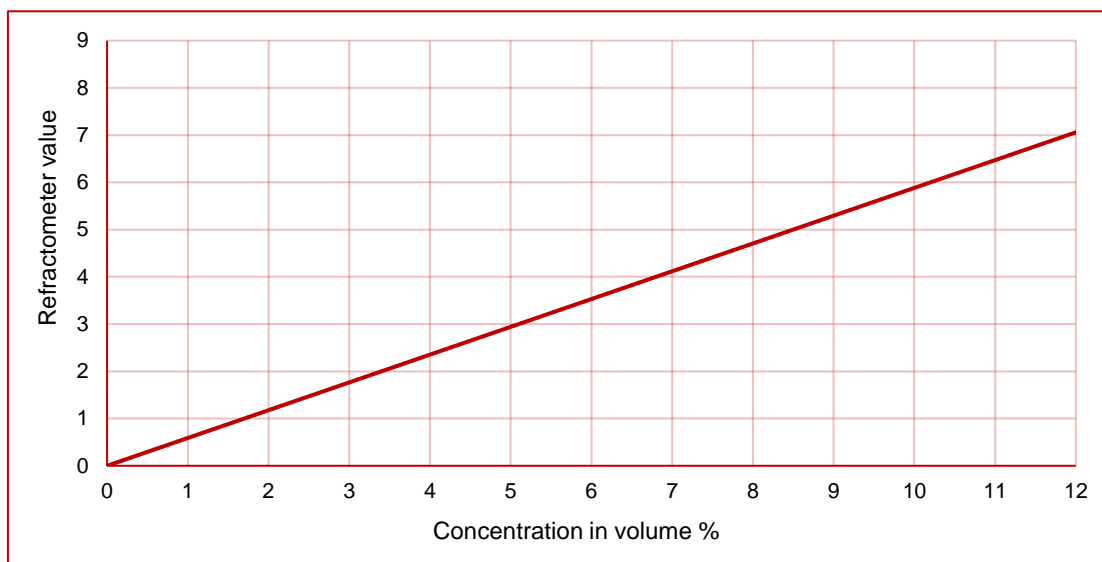
- General machining of iron and steel: 4-6%
- Machining of high alloyed and stainless steel: 6-8%
- Heavy duty machining: 8-20%

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

SAFKOOL 6620 can be used for some machining operations of copper alloys. However, we recommend to check the tendency of the alloy to stain before use.

TECHNICAL INFORMATION

TYPICAL CHARACTERISTICS	UNITS	METHOD	SAFKOOL 6620
Appearance			Orange & clear
Density at 20°C		ASTM D4052	1.031
pH at 5%		NFT 60.193	9.5
Break Point Corrosion	%	IP 287	3
Water Hardness range recommended	ppm		200 - 500
Refractometer Factor			3.2



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 **SAFKOOL 6620** 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**.

SERVICE AND EQUIPMENT

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

IMPORTANT NOTICE

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