

SAFKOOL 6817 GR

BORON FREE MICRO-EMULSION FOR GRINDING AND MACHINING

Semi synthetic fluid

DESCRIPTION

SAFKOOL 6817 GR is a water emulsifiable metalworking fluid concentrate dedicated for grinding and general machining of cast iron, steel and aluminium.

Thanks to the excellent lubricity additives and the well balanced emulsifiers used, **SAFKOOL 6817 GR** is a multipurpose product particularly effective on both soft and hard water.

BENEFITS

- Low foaming product
- Very good cooling and detergency properties
- Good separation of tramp oils
- Very good particles settling properties
- Good emulsion stability, even in hard waters
- Excellent bio stability
- Operator friendly
- Cleanliness of working environment

HEALTH & SAFETY

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

RECOMMENDED APPLICATIONS & DILUTIONS OF USE

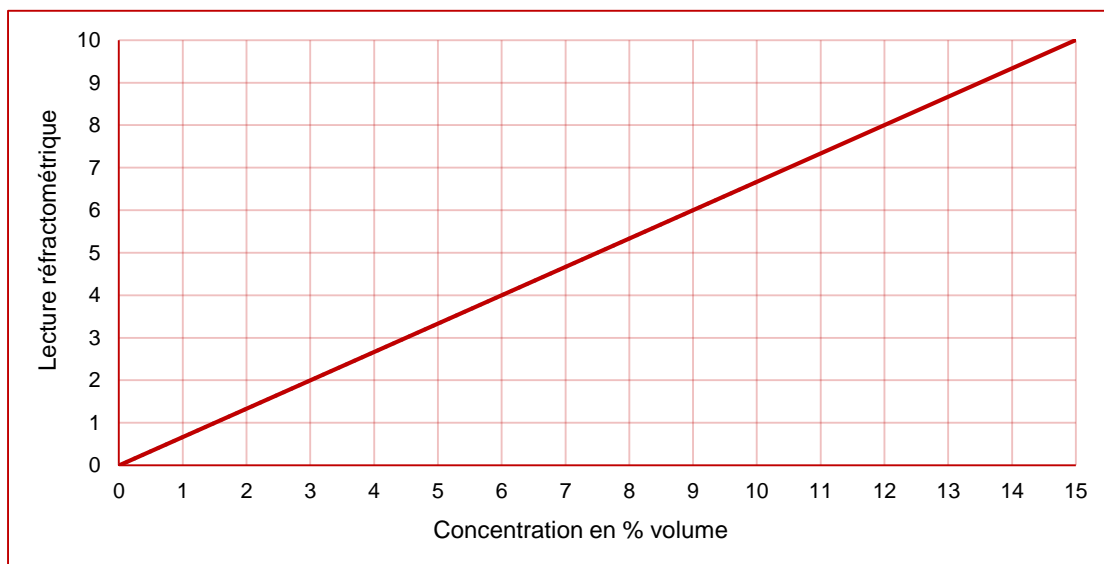
- Grinding of aluminium, cast iron & steel: 5-7%
- General machining of aluminium: 7-10%
- General machining of iron and steel: 6-8%

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

We recommend to check the tendency of the alloy to stain with the diluted fluid before use on aluminium alloys.

TECHNICAL INFORMATION

TYPICAL CHARACTERISTICS	UNITS	METHOD	SAFKOOL 6817 GR
Appearance			Light yellow liquid
Density at 15°C	kg/l	ISO 12.185	0.997
pH at 5%		NFT 60.193	9.9 (will drop around 9 after few days of use)
Break Point Corrosion	%	IP 287	<3
Water Hardness range recommended	ppm		100 - 500
Refractometer Factor			1.5



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 6817 GR** 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