

# SEMI-SYNTHETIC SOLUBLE OIL



## SAFKOOL 6220

*Multipurpose microemulsion*

### DESCRIPTION

**SAFKOOL 6220** is a soluble concentrate particularly suited to all machining processes which require advanced cooling properties.

Operations: turning, milling, threading, grinding, gear cutting, boring, drilling...

**SAFKOOL 6220** is recommended for work on ferrous and non-ferrous metals, including standard aluminum alloys.

### BENEFITS

- Excellent lubrication properties
- Excellent cooling properties
- Optimisation of surface finish and endurance
- Optimum bio-stability
- Maximum reduction of foaming
- Operator friendly
- Cleanliness of working environment

### HEALTH AND SAFETY

- Formaldehyde and formaldehyde releaser free, chlorine additive free, nitrite free, glycol ether free, DEA free, bactericide free, sulphur additive free, phosphor additive free
- Unlabeled product
- Operator friendly: good dermatological behavior and easy to use
- Cleanliness of working environment

### RECOMMENDED CONCENTRATIONS

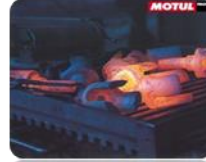
- Machining: min 5%
- Grinding: min 3%

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### TECHNICAL CHARACTERISTICS

| Typical characteristics               | Units | Method     | Safkool 6220 |
|---------------------------------------|-------|------------|--------------|
| Aspect                                |       |            | Yellow       |
| Density at 15°C                       | Kg/l  | ISO 12.185 | 1.025        |
| 5% micro emulsion pH                  |       | NFT 60.193 | 9.4          |
| Corrosion break point                 | %     | IP 287     | 1            |
| Water hardness range of use           | ppm   |            | 250 - 600    |
| Coefficient of degree Brix correction |       |            | 1.6          |

### INSTRUCTIONS

Before commencing, thoroughly clean the installation with an antiseptic such as the **Contram CB3**, drain and rinse with water.

It is recommended to add **SAFKOOL 6220** into the water gradually whilst stirring to achieve the microemulsion.

For commissioning and efficient use, consult the manual of good practice - **soluble machining 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 SAFKOOL 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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