

SEMI-SYNTHETIC SOLUBLE OIL



SAFKOOL 6110

Fine microemulsion for ferrous materials

DESCRIPTION

SAFKOOL 6110 is a soluble concentrate especially designed for all machining operations requiring some high cooling properties.

SAFKOOL 6110 is recommended for grinding and basic machining operations (turning, milling, sawing...) of ferrous materials (mainly cast iron and low alloyed steels).

BENEFITS

- Excellent cooling properties
- Optimum bio-stability
- Low foaming if used in water hardness higher than 100 ppm
- Good release of tramp oils
- Good wetting properties
- Operator friendly
- Cleanliness of working environment

HEALTH AND SAFETY

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

RECOMMENDED CONCENTRATIONS

- Basic machining operations of ferrous metals: min 5%
- Grinding of ferrous metals: min 3%

MOTUL - 119, Bd Félix Faure BP 94 - 93303 AUBERVILLIERS CEDEX
Tél : +33 1 48 11 70 30 Fax : +33 1 48 11 70 38

www.motul.com

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**Technology for
industry**

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TECHNICAL CHARACTERISTICS

Typical characteristics	Units	Methods	Safkool 6110
Aspect			Yellow to amber
Density at 20°C	Kg/l	ISO 12.185	1.023
5% micro emulsion pH		NFT 60.193	9.6
Corrosion break point	%	IP 287	3
Water hardness range of use	ppm		100 - 400
Coefficient of degree Brix correction			2.3

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 6110** 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.

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