PRODUCT INFORMATION

oilfino Finocut Alloy

DESCRIPTION

oilfino Finocut Alloy is a water emulsifiable cooling lubricant. It has been developed for the machining of aluminium, including common aluminium alloys such as 2024, 6061, 6082 and 7075 as well as proportionally non-ferrous metals. This cooling lubricant is also suitable for general machining processes of alloy and non-alloy steels. It is boron-free, contains amine compounds and is free of formaldehyde donors. The polar lubricity enhancers make it ideal for aluminium machining.

CHARACTERISTICS

oilfino Finocut Alloy is characterised by its high technical stability, which leads to long emulsion life. It remains stable in mixing waters of 10 °dH to 30 °dH and proves itself even in hard water of up to 80 °dH. In addition, it offers excellent cooling and rinsing properties and can be used universally in single-filled machines and central systems. It ensures effective corrosion protection for your machines and tools.

APPLICATIONS

oilfino Finocut Alloy is used for the machining of aluminium alloys, for materials that are difficult to machine, also suitable for the machining of non-ferrous metals.

NOTE

The recommended use concentration depends on the application and the materials to be processed:
6-10% oil-in-water (use mixers)

WARNING

Observe refractometer correction value.

NOTE

Due to the raw materials selected, slight deviations in colour, odour and appearance may be possible. However, these have no influence on the functionality of the product.

Specific Data	Method	Unit	oilfino Finocut Alloy
Kin. Viscosity at 20 °C		mm^2/s	approx. 210
Mineral oil content		%	about 40
pH-value ca. 5%			ca. 9,8
Corrosion protection	DIN 51360/2		5%ig - Grade 0 (no corrosion)
Refractometer factor		%/°Brix	1,0

All information is provided to the best of our knowledge but without guarantee of any kind. The technical data represent average values and are subject to normal production fluctuations. oilfino reserves the right to improve the products and modify the specification accordingly.