



TECHNICAL DATA SHEET

Multicut ALK 22

Mineral-oil based MQL lubricant for working of aluminium and steel

PRODUCT DESCRIPTION

- + non-water-miscible metal working oil of low viscosity
- + based on mineral oils, low aromatic content
- + with synthetic fatty components and phosphorous EP-additives
- + odour-neutral
- + the components of the formulation correspond to the current negative lists known to us

CHARACTERISTICS

Colour / DIN ISO 2049 lighter 2.0

Density/15°C / DIN EN ISO 12185 870 kg/m³

Viscosity/40°C / ASTM D 7042 22 mm²/s

Flash point (Cleveland) / DIN ISO 2592 > 170 °C

APPLICATION

Multicut ALK 22 is a metal working oil mainly suitable for aluminium and its alloys. The product is used for easy to medium difficult cutting operations as well as for punching. Good experiences were made when machining motor blocks and cylinder heads (e.g. face and contour milling as well as drilling and threading).

Multicut ALK 22 offers good flow characteristics in automatic spraying systems of minimum quantity lubrication systems with easy-to-dose spray pattern.

When using **Multicut ALK 22** the formation of abrasion particles (chips) is reduced considerably. Thus, the build-up of chips and the welding-on of chips to the instruments can be minimized.

31260

12/2019-31260-0

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



TECHNICAL DATA SHEET

Multicut ALK 22

Mineral-oil based MQL lubricant for working of aluminium and steel

DEGREASING

We recommend degreasing with aqueous-alkaline cleaners.

STORAGE

Recommended storage temperature: +10 °C up to +30 °C.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

31260

12/2019-31260-0

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.

2 / 2