

Minimum Quantity Lubricants

UNICUT® Alu-Milling



ALUMINIUM



NON FERROUS METALS

RANGE OF SERVICE:	Hightech special product
MATERIALS:	Aluminium and its alloys, non-ferrous metals
CHARACTERISTICS:	Free of mineral oil, lowly viscous
WAY OF MACHINING:	Ingot milling



TECHNICAL CHARACTERISTICS

- Viscosity 30 cSt at 40 degrees Celsius
- Free of mineral oil
- Especially suitable for milling of aluminium
- Developed in cooperation with leading producers of ingot milling machines
- Excellent lubrication effect
- Also suitable and well-tried for aviation and space flight alloys
- Surfaces suitable to be plated after milling
- Also suitable for high-silicon content alloys as well as pure aluminium
- Preferably usable with the UNICUT® special spraying equipment UDDS
- Recyclable and dry shavings
- Free of silicone as well as chlorine and other halogens

ADVANTAGES

- Very high tool service lives
- Cost saving by enormous increase of the machining speed
- Clean glassy surfaces
- No built-up edges
- Machine parts are suitable to be plated without time-consuming finishing treatment
- Enormous reduction of tool costs
- Less standstills by tool change
- No costs for cooling agent odour
- Cost-effective by low consumption
- Good skin tolerance and environmentally friendly
- Dry and grooveless milled surfaces

AVAILABLE CONTAINER SIZES

- 10, 20, 30 litres HDPE-container
- 200 litres in throw-away barrels
- 1,000 litres container