

Minimum Quantity Lubricants

UNICUT® Basic-HT

RANGE OF SERVICE: Broadband-allround product

MATERIALS: Aluminium, non-ferrous metals, C-steels and CrNi-steels

CHARACTERISTICS: Based on mineral oil, highly viscous, high temperature resistant, all-purpose use

WAY OF MACHINING: Drilling, rubbing, band sawing, milling, turning, circular sawing, reaming



ALUMINIUM



NON FERROUS METALS



STEEL/
STAINLESS STEEL

TECHNICAL CHARACTERISTICS

- Viscosity 220 cSt at 40 degrees Celsius
- Based on mineral oil
- High temperature resistant
- For high performance processing machines
- Excellent lubrication effect
- Especially adhesive
- Also suitable and well-tried for aviation and space flight alloys
- Suitable for silicon bearing alloys and pure aluminium
- Suitable for special non-ferrous metal alloys
- Usable with every commercially approved pumping and spraying and MQL spraying station
- Recyclable and dry shavings
- Free of silicone as well as chlorine and other halogens

ADVANTAGES

- Cost saving by increasing the machining speed
- Reduction of tool costs
- Avoiding of built-up edges
- Less standstills by tool change
- No costs for cooling agent odour
- Ideal for companies with high material fluctuation
- Cost-effective by low consumption
- Good skin tolerance and environmentally friendly
- No staining during heating-up on hot rolling temperature
- Grooveless milled surfaces

AVAILABLE CONTAINER SIZES

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