

## TECHNICAL DATA SHEET

# GRUEBB 4427

Heavy duty drawing oil for white metal tubes, solvent cleanable

### APPLICATION

**GRUEBB 4427** is a second-generation tube drawing oil for white metal tubes, eg 304L, 316L. Proven in service at plants in Europe and the USA, with one plant claiming 20% increases to drawing speeds, no scratching and low Ra. Suitable for both mandrels and as an o/d lubricant, thereby reducing cross-contamination and inventories. Cost-effective and reliable. Solvent cleanable with products such as Dowclene 1601.

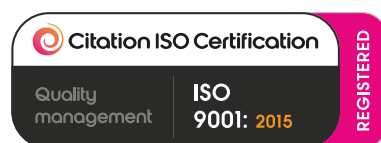
### PROPERTIES

**GRUEBB 4427** is based upon the safest chlorinated chemistry. Alternative to MKU Metodraw G-100 and Hangsterfer's J-1.

| PROPERTIES        | TEST METHOD | UNITS | GRUEBB 4427          |
|-------------------|-------------|-------|----------------------|
| Product code      |             | –     | 138398               |
| Appearance        | Visual      | –     | Amber / brown liquid |
| Density at 20°C   | ASTM D1298  | g/ml  | 1.20                 |
| Viscosity at 40°C | ASTM D445   | cSt   | 2441                 |
| Flash point COC   | ASTM D92    | °C    | >200                 |

All values are typical and there may be batch variations.

Available in 18kg drums, other packs by request.



Certificate No: 461792024

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