

# TECHNICAL DATA SHEET

## BORON OIL

### DESCRIPTION

It is a multi-purpose metal processing oil with naphthenic base oil content, which is used by mixing with water to process various metals (cutting and grinding). It is very suitable to be used as lubricator and cooler to draw aluminum bars in scope of light and heavy machining processes for metals such as aluminum and copper alloys, soft steel and cast iron.

### CHARACTERISTICS

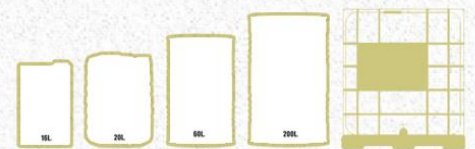
**Naphthenic Content Feature & Stable Micro Emulsion Structure:** The product has superior properties and it is used by creating emulsion with water; the naphthenic oil increases the solubility of the emulgators within the product. A high performance product with long life is obtained thanks to the additive that easily creates a stable micro emulsion with the water, and which prevents the bacteria activities. **Superior Cooling Performance:** The naphthenic oil removes the heat during the cutting process and provides superior cooling for the product, which makes it possible to be reliably used in all seasons.

### APPLICATION

Multi- Purpose metal processing oil.

### TYPICAL PROPERTIES

TEST	METHOD	UNIT	TYPICAL VALUES
Emulsion Appearance			Milk white
K. Viscosity @ 40 °C	ASTM D 445	cSt	29.33
Emulsion PH	ASTM D 193	°C	9.5
Rust test (DIN 51360-2) STAGE 1	ASTM D 2270		Pases



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