

# DINARA OIL®

*Vaš kod za ulja i maziva*

## TECHNICAL INFORMATIONS ABOUT THE PRODUCT OILS FOR MECHANICAL PROCESSING OF METALS

### BOROL-5

**BOROL-5** is an universal biostable mineral oil-based emulsion coolant and lubricant. It has excellent lubrication properties. Contains EP additives and prevents metal welding on the tool blade.

Advantages:

- excellent lubrication properties;
- prevents welding of metal on tool blades;
- provides good anti-corrosion protection.

**QUALITY LEVEL: SRPS 6743-7 , ISO-L-MAD**

### PHYSICAL - CHEMICAL CHARACTERISTICS

Characteristics	Units	Typical values	Test methods
Appearance of the emulsion		milky white	Visually
Density at 20 °C	kg/m <sup>3</sup>	0,89	ASTM D 1298
Corrosity (Cu paper, 3h, 100 °C) 4% em.	class	1a	ASTM D 130
Refractive index	-	1	refractometer
Corrosity Herbert test 5% em.		0/0	DIN 51360/2
Emulsion stability, 24h		stabile	Visually
pH - value 6% em.	-	9	DIN 51369

### PURPOSE

**BOROL-5** is used for medium and heavy mechanical processing of all types of steel, cast iron, light and heavy metals such as: scraping, drilling, milling, thread cutting, grinding, broaching and polishing. It is especially recommended for machining centers (NC and CNC machines).

Application concentrations are 4-6% mixed with water.

### STORAGE

**BOROL-5** - should be stored in their original packaging protected from the direct influence of the atmosphere.

### PACKAGING:

1 L	5 L	10 L	20 L	200 L	1000 L
		x 2 pcs		x	x