

**TECHNICAL INFORMATIONS ABOUT THE PRODUCT  
OILS FOR MECHANICAL PROCESSING OF METALS****SINTOLIN 050**

**SINTOLIN 050** is a synthetic water-soluble fluid, chemically and bacteriologically stable, intended for cooling and lubrication during the mechanical processing of metals.

Advantages:

- has good anti-wear and anti-corrosion properties;
- effectively cools metal with good rinsing of scraps;
- provides complete visibility during processing and high quality of the processed surface;
- extends tool life.

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

**PHYSICAL - CHEMICAL CHARACTERISTICS**

Characteristics	Units	Typical values	Test methods
Appearance of the emulsion		transparent	Visually
Density at 20 °C	kg/m <sup>3</sup>	1050-1100	ASTM D 1298
Refractive index	-	1,80	refractometer
Corrosity Herbert test 5% em.		0/0	DIN 51360/2
Emulsion stability, 24h		stabile	Visually
pH - value 5% em.	-	9,5-10,5	DIN 51369

**PURPOSE**

**SINTOLIN 050** is used as a coolant and lubricant for machining operations of hard-working steels (carbon, low-alloy and high-alloy), cast iron, light and non-ferrous metals and their alloys by turning, milling, drilling, threading and grinding with the high temperature conditions, high resistance and high cutting speeds. It is suitable for application in central systems, does not foam even in very soft water and provides high quality of the treated surface. Application concentrations are 3-5% mixed with water.

**STORAGE**

**SINTOLIN 050** - 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	