

# DINARA OIL®

*Vaš kod za ulja i maziva*

## TECHNICAL INFORMATIONS ABOUT THE PRODUCT INDUSTRIAL OILS – OILS FOR METAL CUTTING

### CUTTOL OILS

**CUTTOL OILS** are inactive non-emulsion oils intended for mechanical processing of metals - cutting. The oils contain a friction modifier and EP additives. They are produced in viscosity grades: ISO VG 15, VG 22, VG 32, VG 46.

Advantages:

- has good anti-wear properties and good biodegradability;
- provides high quality of the treated surface;
- excellent anti-corrosion properties.

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

### PHYSICAL - CHEMICAL CHARACTERISTICS

Characteristics	Units	Typical values				Test methods
		VG 15	VG 22	VG 32	VG 46	
Kinetic viscosity at 40 °C	mm <sup>2</sup> /s	15	22	32	46	SRPS ISO 3104
Corrosivity (Cu paper, 3h, 100 °C)	class	1a	1a	1a	1a	ASTM D 130
Point of ignition, COC	°C	180	190	210	220	SRPS ISO 2592
Pour point	°C	-15	-15	-15	-15	SRPS ISO 3016

### PURPOSE

**CUTTOL OILS** are used for light and medium-heavy processing of all types of steel (low-alloy, high-alloy, stainless), as well as for medium-to-heavy operations of light and non-ferrous metals and their alloys. They are recommended for processing, as well as for general lubrication of tool machines.

**CUTTOL 15** is primarily used for the operations of indoor and outdoor broaching of light and non-ferrous metals, at vertical tumblers.

**CUTTOL 22** is used for the processing of light, non-ferrous metals and steels of light and normal workability. It is also used for lubricating tool machine switches.

**CUTTOL 32** is a multi-purpose oil suitable for cutting and grinding threads, shafts and grinding of easily workable grey cast steel, light and non-ferrous metals, for processing on single and multi-spindle machines, during operations of milling, at high cutting speeds of non-alloy, alloy and structural steels and cast steel.

It is used in operations of horizontal broaching of light and non-ferrous metals and gray cast steel.

### STORAGE

**CUTTOL** - 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	