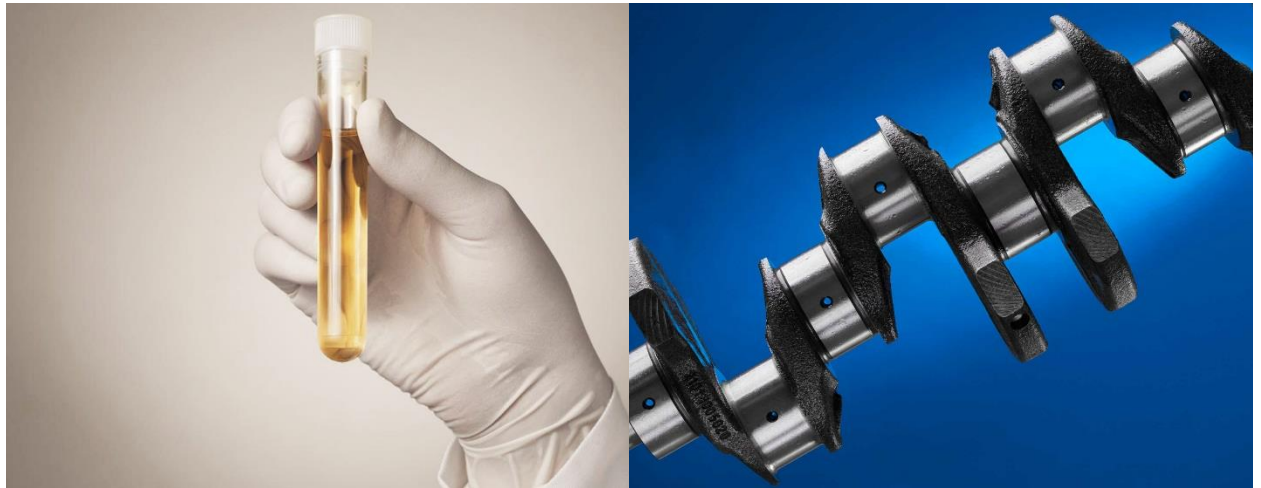


Atlantic Lanson

UNIVERSAL LUBRICANT COOLANT CONCENTRATE



About the Product

Atlantic Lanson brand cutting fluid is a water-miscible highly effective cutting fluid concentrate that forms a stable emulsion.

Scope of Usage

Processing of ferrous, alloy and non-ferrous metals, structural steels using:

- milling
- drilling
- grinding
- sawing
- turning / cutting
- boring and other cutting modes
- planing
- high precision equipment



5 times
Reduced coolant dilution



≈ pH 8,5
Concentrate does not adversely
affect machine parts



Up to 1 year
tested during round the clock
operations

Advantages

- long-term stability with various processing methods
- increased productivity by reducing costs by 2-4 times
- high lubricating and cooling properties
- high level of corrosion protection
- easily soluble in water, does not require additional mechanical mixing

All of our expertise will be at your service.

- lack of foam
- excellent washing effect, leaves no pollution
- hydrotreated and naphthenic oils are used in the formulations
- neutral smell, no microbiological damage

Application Process

The quality of the working emulsion determines its operational properties and service life. The design of the device for the preparation of coolant should provide a convenient reception of components, their full emulsification. For the preparation of coolant, mechanical mixers with propeller, frame, turbine and other mixers are used. To obtain microemulsions, various dispersing devices are used: homogenizers, cavitators, and colloidal mills. The most effective are ultrasonic dispersion devices.

Coolant working emulsions are prepared by mixing calculated amounts of water and concentrate. Concentrate is always added to water, and not vice versa. The emulsion concentrate must be uniformly mixed before being added to water. Water should have a certain hardness that is recommended for this coolant.

Characteristics

Parameters	Product Guidelines	Results
Appearance	homogeneous liquid from light yellow to dark red in color	Conforms
Density at 20 ° C, in the range of, g / cm ³	0,89-0,98	0,97
Hydrogen indicator (3% vol.), PH	6,0-10,8	9,5
Corrosive aggressiveness (5% vol.): -cast iron grade SCH 18-20 according to GOST 1412 -steel grade 10 according to GOST 1050	withstands withstands	conforms conforms

Depending on the need, products can be shipped in:

- 216.5 liter metal barrels
- Eurocube 1000L

Laboratory Tests

Concentrate for coolant brand Atlantic Lanson is tested in the Rossilber laboratory for more than 20 parameters and meets all the requirements of GOST.

Results

The result of our company's activities in this area is an increase in the life of cutting tools by 100%.

All of our expertise will be at your service.

