



Industrial Line

Semisoil 100

Technical data sheet
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Semisynthetic cooling lubricant oil

Category:

- Cooling lubricant oils

Applications:

- Processing which need lubrication and cooling

Advantages:

- Universal
- Adaptable to all metals

Applications

Semisoil 100 is a semisynthetic cooling lubricant with a medium content of mineral oil. Thanks to the presence of a set of high quality additives, Semisoil 100 covers a wide range of applications.

The product is ideal for processing of ferrous metals, aluminium and its alloys, both for light-load operation and with strong heat development.

Method of Use

Before using the product for the first time or when necessary to restore totally the emulsion of Semisoil 100, it is recommended to disinfect and clean the tank and pipes by washing the system with the product Sali Q San and making a solution of 5 grams of Antibat per litre of water circulate for one hour. Rinse the system thoroughly and add Semisoil 100 to the (clean) mains water while stirring.

Control of the solution: using indicator strips or specific pocket pH-meters check the pH that should not be less than 8.0. If necessary, add more Semisoil 100 to bring it back to higher values. Check the concentration through the refractometer, multiplying the value read on the instrument by the correction factor 1.5.

Recommended dosages

PROCESS	% in solution	PROCESS	% in solution
BORING	3 – 8%	GRINDING	2 – 3%
DRILLING	5 – 8%	THREADING	6 – 8%
TURNING	4 – 6%	TAPPING	6 – 8%

Technical features

Appearance	Clear liquid
Odour	characteristic
Colour	brown
Density (20°C)	1.00 – 1.02
Refractometric index	1.5

Product for industrial/professional use. The manufacturer declines all responsibility for any damage caused by an improper use of the product.