



Industrial Line

Sintesoil T

Technical data sheet
n° 695 Rev. 15/05/2014

Category:

- Cooling lubricant oils

Applications:

- Manufacturing which needs lubrication and cooling

Advantages:

- Synthetic
- Transparent solutions
- With EP additives

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

Synthetic cooling lubricant oil with EP additives

Applications

Sintesoil T is a totally synthetic cooling lubricant with EP additives, nitrite-free and with a high anticorrosive power. The product can be used on ferrous and non-ferrous metals for processing such as grinding, turning, boring, threading, etc.

Sintesoil T has an excellent cleaning power, thus avoiding the problem of "smudgy" abrasive wheels and guaranteeing an excellent cleaning of machine tools.

Sintesoil T solutions are transparent and non-foaming, allowing the constant vision of the workpieces even in conditions of strong churning. Sintesoil T has a very low tendency to foaming and therefore it is particularly suitable when the cooling lubricant oil undergoes a strong churning.

Sintesoil T can be used with mains water. If the hardness of the latter is particularly high (over 25 French degrees) it is advisable to increase the product dosage.

Method of Use

Before using the product for the first time or when it becomes necessary to reactivate the Sintesoil T emulsion, it is advisable to clean and disinfect the tank and piping, washing the system with the product Sali Q San and making a solution of 100 grams of Sanabas per litre of water circulate for 3 hours. Rinse thoroughly the entire system and add Sintesoil T to the mains (clean) water, mixing moderately.

Control of the solution: using indicator strips or specific pocket pH-meters check the pH, which should not be less than 8.0. If necessary, add further Sintesoil T to bring it back to higher values.

Check the concentration through the refractometer, multiplying the value read on the instrument by the correction factor 2.1.

Avoid, as far as possible, to contaminate the emulsion with pollutants such as detergents, whole oils, etc.

Technical features – Recommended dosage

Appearance:	Clear liquid
Colour:	Pale yellow
Density:	1.050 g/cm ³
Solubility:	complete
Foam:	none
pH at 4%:	9 – 9.2
(assure it does not go below 8.0)	
Refractometric Coeff:	2.1
Nitrites:	none
Mineral Oil:	none

PROCESS	% IN SOLUTION
BORING	5 – 10%
DRILLING	5 – 10%
TURNING	4 – 8%
GRINDING	5 – 8%
THREADING	8 – 10%
TAPPING	8 – 10%