



## Industrial Line

# Semisoil G

Technical data sheet  
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### Category:

- Cooling lubricant oils

### Applications:

- Processing which need lubrication and cooling

### Advantages:

- Specific for cast iron
- Superior performance

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

## Semisynthetic cooling lubricant oil for cast iron

### Applications

Semisoil G is a newly developed semi-synthetic lubricating cooling fluid, based on highly refined mineral oils and specific additives.

Specifically designed for use in light and medium-heavy processes of metal removal and grinding on ferrous materials, it is particularly suitable for cast irons. Semisoil G produces a semi-transparent emulsion, finely dispersed and highly stable. It has a high anti-rust power and a strong resistance to bacterial contamination even in critical conditions. It is suitable for use on centralized systems as well as on single machines, with all types of filtration and with both soft and hard water. It is successfully adaptable to the most demanding processes. It can be used on Aluminium and light alloys, while use on yellow copper alloys is not recommended.

### Method of Use

Before using the product for the first time or when necessary to restore totally the emulsion of Semisoil G, 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 100 grams of Antibat per litre of water circulate for three hour. Rinse the system thoroughly and add Semisoil G to the (clean) mains water while moderately 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 G 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.

### Technical characteristics - Dosage Consigliate

Appearance	Clear liquid
Colour	Light brown
Density	1.00 – 1.02
Refr. index	1.5

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