

OPN-CHEMIE OTTO PETRI GmbH

Produktion techn. Aerosole - Sprays

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Product Information

OPN-High Performance Cooling Lubricant

- Concentrate -

Properties:

- contains mineral oil, boron and amine
- used for processing steel, cast iron, high-alloy steels and aluminum
- Stable emulsions with preparation water from 5 °dH to 30 °dH
- Emulsions are stable in use until water hardnesses of 80 °dH
- good technical stability and long emulsion service life, when used properly
- very low-foaming emulsion at recommended preparation waters
- good corrosion protection properties

Application Range:

- for general machining such as turning, milling, drilling, sawing
- Can be used on single-filled machines as well as central systems

Application:

Our information are recommendations based on our experience. We accept no liability for any damage without tests concerning suitability for the specific application, without preliminary trials and if the products is misused. A new batch of the emulsion is made by slowly pouring the concentrate into the initially prepared water while simultaneously stirring or using automatic mixing equipment.

The recommended use concentration depends on the application and the materials to be processed:

General cutting: from 5% (50 ml concentrate + 950 ml preparation water)

Medium cutting: from 10% (100 ml concentrate + 900 ml preparation water)

Concentration determination of the operating emulsion can be carried out by hand refractometer.

For this purpose, the value read is multiplied by the refractometer.

Always check the tendency to stain formation before machining aluminum alloys.

Shelf life / storage conditions:

12 months at a temperature of about 5°C to about 40°C in a sealed container.

Protect from frost!

Note: Due to the raw materials, slight variations in appearance and color may be possible. However, these have no influence on the effect of the product.

Always follow the instructions of the machine manufacturer!

Only for professional use! Always observe safety data sheet before use.

Delivery information:

Art.-No. 58100 Disposable Canister: 5 liters content

Art.-No. 58121 Disposable Canister: 30 liters content

Observe the information on the label and of the EC-safety data sheet!

Our technical information has been compiled carefully to the best of our knowledge. Because of the many possible influences during processing and use of the products they do not relieve the processor of its own, conscientious exams! A legally binding assurance of certain properties or of the suitability for a particular purpose can not be derived from our information. Existing laws and regulations must be checked and observed from the processor of our products before use in his own responsibility.

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