

SUPERMAX OIL GERMANY -Boron Oil

Cooling Liquid Developed for Metal Cutting Operations



DEFINITION OF PRODUCT:

SUPERMAX OIL GERMANY BORON OIL cooling liquid is a semi-synthetic cooling liquid providing maximum cooling and lubricating thanks to its special formulation consisting of well-refined base oils, esters and excellent quality synthetic additives. It is recommended to be used in all medium and heavy work machining operations and metal working processes.

Specifications

- It has maximum lubricating and cooling feature.
- It prolongs lives of cutting tool edges and machine parts thanks to its special formulation.
- It maintains lubricating feature under high temperatures and pressures.
- It provides a good surface quality on parts worked.
- It protects parts worked against rust and corrosion.
- It is highly resistant to hard water; it protects emulsion stability in hard water.
- It is chlorine free.
- It protects metal against rust and corrosion in interim storages.

CHARACTERISTIC PROPERTIES

| Test | Unit | Ideal Values |
|---------------------|-------------------|--------------|
| Emulsion Appearance | - | Milk-White |
| Density @ 15 °C | g/cm ³ | 0,8860 |
| Pour Point | °C | -12 |
| Viscosity, 40 °C | cSt | 25 |
| pH (5% Emulsion) | - | 9,2 |
| Rust Test | - | Pass |

OTHER INFORMATION

Package

- 16 Kg
- 20 L
- 180 Kg
- 1000 L - IBC

Storage Information

- Packages should be stored with their covers tightly closed and in cool and well ventilated and closed areas.
- Packages should not be exposed to direct sunlight and avoid rapid climatic changes. The product
- should be stored with its cover tightly closed in its original package under between 5 °C and 35 °C.
- Storage life is 12 months.

Health and Safety

SUPERMAX OIL GERMANY BORON OIL is not expected to produce adverse effects on health when used for the intended application and aligned with the recommendations provided in the; "Material Safety Data Sheet" (MSDS). "Material Safety Data Sheets" are available upon request through your sales contact office or representative.

When disposing the used product, physical and chemical properties have to be taken into the consideration, and please follow the regional or national regulations.