



RAVENOL Bohroel-Konzentrat SH

Kategorie: Industrial oil

Artikelnummer: 1350350

Oil type: Semi-synthetic

Application: Industry



RAVENOL Bohroel-Konzentrat SH is a semi-synthetic universally applicable water-miscible cooling lubricant suitable for a wide range of applications in the field of metal cutting (steel, cast iron, light and non-ferrous metals).

RAVENOL Bohroel-Konzentrat SH enables long service lives as well as clean surfaces of the workpieces.

RAVENOL Bohroel-Konzentrat SH is free from boric acid, chlorine, sec. amines and formaldehyde.

Application instructions

RAVENOL Bohroel-Konzentrat SH is used as an emulsion for general cutting applications (boring, turning, milling), also for increased requirements such as broaching, sawing, grinding and thread cutting.

RAVENOL Bohroel-Konzentrat SH is used for processing any material without restrictions. Also suitable for grinding operations.

Application concentrations (mixing ratio):

RAVENOL Bohroel-Konzentrat SH can be used as follows

> for grinding: approx. 2.5 % concentrate (1:40)

> for turning, drilling, milling: approx. 5 % concentrate (1:20)

> for noncutting forming: approx. 10 % concentrate (1:10)

Refractometer multiplier: 1.7

RAVENOL Bohroel-Konzentrat SH is stirred into water in the appropriate mixing ratio. It is recommended to use a mixer and to check the concentration regularly.

Check material compatibility before use and watch out for discoloration!

Characteristics

- particularly resistant to microorganisms (biostability)
- without boric acid, chlorine, phosphorus, sec. amines and formaldehyde
- high material compatibility
- low-foaming
- emulsion mixed with water gives good corrosion protection and increased pressure absorption capacity

5L | 1350350-005

10L | 1350350-010

20L | 1350350-020

20L | 1350350-B20

60L | 1350350-060

208L | 1350350-208

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Viscosity at 20 °C	mm ² /s	65	DIN 51562-1
Density at 20 °C		1010	EN ISO 12185
pH - value		9,6	DIN EN 60243-1 (20°C)