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RAVENOL Bohröl-Konzentrat SH

RAVENOL Bohroel-Konzentrat SH is a universal, water-soluble metal working oil.

RAVENOL Bohroel-Konzentrat SH is nitrite and preservative-free.

RAVENOL Bohroel-Konzentrat SH was formulated as a blend of emulsifiers, organic corrosion inhibitors and mineral oil.

RAVENOL Bohroel-Konzentrat SH provides a guarantee for economical use with very good, checked skin compatibility.

RAVENOL Bohroel-Konzentrat SH enables long tool life and clean surfaces of workpieces.

Application Notes

RAVENOL Bohroel-Konzentrat SH is used as an emulsion for general cutting applications (boring, turning, milling), including high demands. Use in stand-alone machines, machining centres and main systems.

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

Emulsion Care and Control:

The concentration of the **RAVENOL Bohröl-Konzentrat SH** emulsion can be checked with a manual refractometer. If the **RAVENOL Bohröl-Konzentrat SH** emulsion shows early signs of instability or bacteria-infestation after extended service life, disinfectant can be added.

Application Concentrations:

Use **RAVENOL Bohröl-Konzentrat SH** as follows:

- for cutting approx. 5 to 10%
- for grinding approx. 2 to 3%

Refractometer multiplier: 1.0

Add the respective mixing ratio of the concentrate to water.

Using a mixer is recommended.

The requirements of TRGS 611 are fulfilled.

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Characteristics	Unit	Data	Audit
Colour		braun	visual
Density at 15°C	kg/m ³	925	EN ISO 12185
Viscosity at 40°C	mm ² /s	ca. 40	DIN 51 562
pH-value (50 %, 20°C)		8,5	-
Span-Filter-corrosion test	Corrosion up to 1:50: Corr. Degree	0	DIN 51 360/2
Collapsetime of the foam 5 %ig		<10 sec.	-

All indicated data are approximate values and are subject to the commercial fluctuations.