

INDUCOOL NG 40



Watermiscible cooling lubricant

APPLICATION

- INDUCOOL NG 40 is a watermiscible, non-ferrous metal inhibited cooling lubricant designed for universal use
- It is suitable for chipping and grinding operations on steel alloys, steel- and cast materials
- Grinding 3-5 %, Chipping 3-8 % according to type of chipping and material, whereby the most favorable concentration has to be found out by tests

PROPERTIES

- Free of nitrosable agents
- Stable pH value with high long-term stability
- Micro emulsion with a high stability
- To be used in individual filled machines and in central systems as well.
- Meets the requirements of the TRGS 611 (Technical Rules on Hazardous Materials), in case of exceeding the nitrite threshold (TRGS 611, item 4, paragraph 3) the demanded partial or total exchange is not required because of the inhibition

TYPICAL CHARACTERISTIC	METHOD	UNIT	INDUCOOL NG 40
Appearance	visual	-	clear
Colour	visual	-	yellow
Density at 15 °C	DIN 51 757	kg/m ³	965
Viscosity at 40 °C	DIN 51 562	mm ² /s	44,7
Mineral oil content	-	%	45
pH value (5 % concentration)	DIN 51 369	-	9.5
Corrosion (Filter-Chips) from 3 % on	DIN 51 360/2	-	0
Refractometer value	-	-	1.09

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