

# Metalina B 3650

Water miscible metal working fluid

## DESCRIPTION

Metalina B 3650 is a full synthetic, high quality coolant recommended for medium to heavy duty cutting applications on steel alloys.

Metalina B 3650 is recommended for all Medium to heavy duty cutting operations on all types of ferrous metals. It is strongly advised to use Metalina B 3650 only in combination with demineralized or very soft water (< 7°dH).

## DESCRIPTION

The concentration varies depending on the type of machining operation, the water hardness and the required inter-operational corrosion protection.

- General machining : 5 – 7 %
- Heavy duty operations : 8 – 12 %

## DATA (TYPICAL VALUES)

Metalina B 3650	Unit	Method	
Mineral Oil content	%		0
Kinematic Viscosity @ 20°C	mm <sup>2</sup> /s	ASTM D 445	Approx. 105
Density @ 20°C	kg/m <sup>3</sup>	ASTM D 1298	1067
pH of a 5% solution		DIN 51369	9.4
Min Anti-Cor. Protection Limit (0-0)	%	DIN 51360/2	5
Refractometer Factor			2.1

Date | version  
Code

## FEATURES/ BENEFITS

- High lubricity – resulting in prolonged tool life, increased surface finish, lower reject rate
- High stability – consistent product quality and performance maintained throughout its life, increasing sump life and minimizing tank side additions of additives
- Very low foam – allowing high pressure & flow rates
- Excellent detergency – resulting in cleaner work pieces & machines, reducing degreasing costs, assisting in lower consumption by less drag out and assisting in creating a more cleaner and pleasant working environment.
- Excellent rejection of tramp oil – better working conditions, provides cleaner work pieces, increased sump life, reduced degreasing and waste disposal costs
- Transparent solution – excellent visibility of the work piece
- Environmental compliance – free of chlorine, secondary amines, boron, phenol nitrite, formaldehyde and formaldehyde releasing agents

## HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.



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