

Soluble Cutting Fluid

DESCRIPTION

Castrol Cooledge BI is a non-phenolic, general purpose soluble cutting fluid for use in a wide range of machining operations with a variety of materials.

APPLICATION

Castrol Cooledge BI is particularly suitable for use with steel and cast iron components, but is not recommended for use with copper alloys - Cooledge CB is suggested for this purpose.

FEATURES

- Castrol Cooledge BI possesses good anti-corrosion properties and provides short term protection against rusting of the workpiece between machining operations
- Castrol Cooledge BI is suitable for use with a wide range of materials for a variety of machining operations, which can allow rationalisation of coolants within the machine shop and a reduction in the number of cutting fluids held.

ADDITIONAL INFORMATION

For maximum service life, coolant systems should be cleaned and sterilised by treatment with Castrol System Cleaner before changing to Cooledge BI. Treatment entails the addition of approximately 1% System Cleaner to the previous charge of coolant the day before it is due to be discarded. For full details see the product datasheet for Castrol System Cleaner.

NOTE: If the concentration of Castrol Cooledge BI should become too high, above a maximum of 15%, not only will the emulsion become unstable but there is also the possibility of skin complaints among operators.



TYPICAL PHYSICAL CHARACTERISTICS

Concentrate	-
Relative Density @ 20°C	0.895
Emulsion	-
Appearance	White, milky emulsion
pH @ 5% Concentration	9.5
Refractometer Correction Factor	0.9
Recommended Concentration	-
.Milling, drilling and turning	3 - 5%
.Sawing	3 - 5%
.Reaming, tapping and Screwing	8%
.Grinding	2 - 5%

Health and Safety information sheets are available for all Castrol products from the address below.
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