

Q8 Beethoven M

Conventional milky metal cutting fluid

Product Description

Q8 BEETHOVEN M is based on well tried conventional technologies. This low odour milky white metal cutting emulsion is manufactured from severely refined mineral oil base stock. Q8 BEETHOVEN M has corrosion protection additives to protect both the work piece and the machine from rust and staining. Q8 BEETHOVEN M contains a powerful biocide to protect against bacterial and fungal infections, keeping the emulsion newer for longer. The formulation does not contain boron, cresols, phenols, nitrites or chlorinated paraffin's.

Applications

Q8 BEETHOVEN M is recommended for all general light to medium machining operations, especially milling, drilling, boring, reaming, sawing and shaping of low tensile steels, non ferrous and aluminium type materials. It gives excellent surface finish. Q8 Beethoven M can also be used as a water based quench medium for tempering operations.

Summary of Main Features and Benefits

- Phenol free product, which forms a long life milky white emulsion
- Low odour
- Protects against rust and staining
- Manufactured on high quality severely refined base oil
- Stable in all normal water conditions
- Designed to absorb tramp oil, helping prevent sticky machine surfaces

Typical Inspection Data

Appearance (Neat)	Brown oil
Appearance (Emulsion)	Milky white
pH at 20:1 (5%)	9.3
Corrosion Test IP 125	20:1
Refractometer factor	1.0 (reading x factor = actual)

User Instructions

Q8 BEETHOVEN M is easily mixed. The correct mixing procedure is to add Q8 BEETHOVEN M to water and stir. Positive displacement (Dosatron type) mixing units are recommended for this operation and are available on request. (Never add water to Q8 BEETHOVEN M as this can cause invert type emulsions).

Recommended emulsion strengths are listed below. Further advice is available from your Q8 representative.

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|---|-----------|
| ● General machining and non-ferrous materials | > 5.0% |
| ● Cast steels | 5.0 – 10% |

In order to preserve the integrity of this product drums should be stored inside a building protected from frost and direct sunlight.

Health and Safety

Reference should be made to the relevant Q8 Material Safety Data Sheet before use.

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