

Q8 Bach AD

Heavy duty, neat cutting fluid with active EP additive package

Product Description

Q8 BACH AD is a traditional dark, heavy duty, neat cutting oil. Incorporated in the formulation are active extreme pressure additives and a heavy treatment of lubricity agent. The powerful EP additive package included in the formulation provides boundary lubrication at the tool tip chip interface. This package helps prevent built up edge, and also dramatically reduces tool wear and machine power consumption. The extreme pressure additives are active at all temperatures and therefore excellent finishes can be achieved throughout the full range of speeds and feeds, from the heaviest removal of stock, right down to finishing with light cuts. The lubricity additive makes possible maximum contact of the fluid with the workpiece at all times, this helps eliminate judder and poor finish when machining exceptionally big cuts and at high feed rates. Also incorporated in Q8 BACH AD is the Q8 mist reducing additive. Uncontrolled machine shop mist is not just unpleasant, it goes into the air where workers breathe, and in some cases can affect their health. It also settles out on the walls, ceiling, lights and windows of a machine shops making it difficult to maintain a good working environment. Using Q8 BACH AD reduces workshop mist.

Applications

This product is recommended for heavy machining operations. Especially recommended for operations involving very heavy cuts and high stock removal where an excellent surface finish is of prime importance. Also recommended for use in machine shops where oil mist can be a problem. Operations include heavy duty turning, threading, automatic work, milling, drilling, boring, reaming, gear hobbing and shaping. Excellent results are also achieved with broaching and drawing.

Q8 Bach AD gives excellent performance on all steels including high tensile and high alloy steels.

Not suitable for use with non ferrous metals.

Summary of Main Features and Benefits

- Traditional dark powerful EP cutting oil
- Very low tool wear
- Excellent cutting performance
- Suitable for high alloy steels
- Controls harmful mist formation

Typical Inspection Data

Appearance	Dark coloured
Kinematic Viscosity at 40°C cSt	23.2
Flash Point COC (°C)	>200
EP type	Active
Lubricity Additive	Yes

Health and Safety

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

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