

Q8 Bach AHL

Low viscosity heavy duty neat cutting fluid with active EP additive package

Q8 Bach AHL is just one of the many products within the Q8 Bach metalworking series, which cover active and non-active products at optimum, high and extreme levels of performance.

Description

Q8 Bach AHL is low viscosity neat cutting oil with low odour characteristics. It is formulated with active extreme pressure additives and lubricity additives dramatically reducing tool wear and machine power consumption. The powerful EP additive is active at all temperatures and therefore excellent finishes can be achieved at various speeds and feeds from the heaviest removal of stock right down to finishing with light cuts. The lubricity agent allows maximum contact of the fluid with the work piece at all times eliminating judder and a poor finish. The Q8 mist-reducing additive package is also incorporated in the formulation reducing the generation of potentially unpleasant and harmful mists into the machine shop atmosphere.

Application

- Q8 Bach AHL is recommended for deep hole and gun drilling and fine broaching operations on all hard to machine steel alloys. It is also recommended for honing operations using all grit sizes and types including those incorporating diamond materials. Traditional honing fluids are paraffin based and the cutting performance of this product is proven to be far superior.
- Q8 Bach AHL gives excellent performance on all steels including high tensile, high alloy steels, and stainless. It is not suitable for use with non-ferrous metals because of the active EP package.

Features and Benefits

- First choice for deep hole drilling
- Better honing performance than paraffin based products
- Superb results on difficult materials
- Very low tool wear
- Excellent cutting performance
- Pale colour
- Low odour
- Controls harmful mist formation

Environment, health and safety

- Reference should be made to the relevant Q8 Material Safety Data Sheet before use.
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Properties	Method	Unit	Typical
Appearance		-	Pale
Density, 20 °C	D 4052	kg/m ³	909
Kinematic Viscosity, 40 °C	D 445	mm ² /s	10
Flash Point, COC	D 92	°C	140
Copper Strip, 3 h, 100 °C	D 130		4c

The figures above are not a specification. They are typical figures obtained within production tolerances.

