

# Q8 Bach NCL

*Low viscosity, medium duty, non-active neat cutting fluid*

## Product Description

Q8 BACH NCL is a specially solvent refined, low viscosity neat cutting oil. It is very lightly treated with an extreme pressure and lubricity package that helps the cutting action and improves surface finish. The Q8 mist-reducing additive package is also incorporated in the formulation.

## Applications

Q8 BACH NCL is recommended for all finish work precision grinding operations, such as form, profile, and thread grinding, where fine cuts are employed to give high surface finishes. 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. This product has also been used with great success for deep hole drilling.

The formulation is specially balanced so that the abrasive wheel or stones are kept clean and do not clog, glaze or skid on the work piece. The EP package is only active at the point of stone to metal contact and therefore Q8 BACH NCL will not stain or corrode copper alloy machine parts. The low viscosity properties allow high flow rates, which increase the rates of removal of heat and chip flushings. Q8 Bach NCL will give a better surface finish in fine grinding operations than is possible to achieve using a soluble metalworking fluid.

Q8 BACH NCL is particularly recommended for use in machine shops where mist can be a problem. Uncontrolled machine shop mist can affect the health of machine operators. Mist also settles out on the surrounding environment creating an unhealthy working area.

## Summary of Main Features and Benefits

- Good surface finish for fine cut precision grinding operations
- Better honing performance than paraffin based products
- Does not clog grinding wheels or honing stones
- High flow rates possible for heat removals and dimensional accuracy.
- Controls harmful mist formation
- Operator preference

## Typical Inspection Data

Appearance	Pale coloured
Kinematic Viscosity at 40°C cSt	10.3
Flash Point COC (°C)	>130
EP Type	Non 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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technical data

