

Q8 Brahms XNK 15

Low Viscosity, Chlorine Free Metal Forming Lubricant

Product Description

Q8 Brahms XNK 15 is low viscosity metal forming oil manufactured from a solvent refined mineral oil combined with a chlorine free extreme pressure additive. A special corrosion inhibitor has also been included in the formulation.

Applications

Q8 Brahms XNK 15 has exceptionally strong anti-weld and anti-scuffing properties and is recommended for drawing, punching and bending of non-ferrous metals, particularly in operations such as high rate deep drawing where metal flow control at the blankholder is of prime importance. It is also suitable for general press work on ferrous metals up to 1mm thick.

The oil has good wetting and spreading properties and this gives immediate even coverage to the punch, die and blank. The oil film formed is reinforced by the EP additive's boundary lubrication properties, but only when needed and activated by local temperatures and pressures at tool blank contact point. This product is therefore most useful in drawing operations where accurate control of the metal flow at the blankholder is required and a low viscosity of this type is essential. Surface finishes are improved on all materials and in most metal forming operations. There are no harmful fogging or unpleasant odours from this product, and it protects presses and tools against rust and corrosion.

Summary of Main Features and Benefits

- First choice for deep drawing of non-ferrous metals
- Good metal control at the blankholder
- Chlorine free
- Good wetting and spreading properties
- Prevents die galling and pick up
- Improved surface finish
- Reduction in tool wear
- Suitable for a wide range of forming press work on ferrous metals up to 1mm
- Non staining

Typical Inspection Data

Density at 15°C kg/m ³	850
Kinematic Viscosity at 40°C cSt	15.9
Copper Strip, 3 h, 100 °C	1
Flash Point (P-M) °C	138

Health and Safety

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

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technical data