

Product Data

ZIE HONILO 980 & 981 Premium Honing Oil

Description:

ZIE Honilo 980 & 981 is a very light colored and low viscosity oils with good lubricity characteristics for honing operations of all ferrous and non-ferrous metals with good surface finish. This oil has excellent chip flushing, good heat carrying capacity and better visibility of work piece and tool, and provides long life to the honing stone.

Applications:

Honing Oil (Zie Honilo 980 & 981) is suitable for machining of operations, like turning, drilling, tapping etc. of all ferrous and non-ferrous metals and their alloys. It is non-staining type light colored and low viscosity oil which is useful for very good surface finish.

Features and Benefits:

- Contains EP additives for close tolerances and better surface finishes
- Highly mobility for increased cooling which prevents heat stains
- Superior flushing and filterability for clean running operation
- High swarf removal rate
- Easily cleaned from finished work for no “down-line” problems
- Low drag out losses
- Extremely low odor

Typical characteristics:

Characteristics	Test Method	Zie Honilo 980	Zie Honilo 981
Appearance	Visual	Bright and clear	Bright and clear
Colour, max.	ASTM D-1500	Red	Red
Kinematic viscosity, cSt at 40 °C	ASTM D 445	4.5 – 5.5	4.5 – 5.5
Flash point (COC), °C, min.	ASTM D 92	100	100
Pour point, °C, max.	ASTM D 97	0	0
Copper Strip Corrosion	IS 1448 P-16-1976	1A	1A

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.