



Harol Hon 5

Product Datasheet

Description

Harol Hon 5 is light coloured, low viscosity oil 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.

Product Specification

It meets IS 3065 – 1985, Type 1, Grade I Specification requirements.

Typical Characteristics

S.No.	Properties	Method	Limits
1	Appearance	Visual	Clear & Bright liquid
2	Kinematic Viscosity @ 40 °C	ASTM D 445	4.5 to 6.5
3	Viscosity Index,	ASTM D 2270	90, Min
4	Flash Point, °C	ASTM D 92	125, Min
5	Density @ 29.5 °C, g/ml	ASTM D 1298	0.78, min
6	Copper strip corrosion test @100°C for 3 hrs	ASTM D 130	1b

Benefits

- Low odor, light color, and low mist aid in operator acceptability.
- It is chlorine- and heavy metal free-formulation improves the environmental profile and reduces disposal costs
- Good filtering characteristics and high oxidation stability help increase product lifetime.
- It has excellent chip flushing, good heat carrying capacity and better visibility of work piece and tool, which provides long life to the honing stone.

Application

This product is specially designed for honing and superfinishing of ferrous and non-ferrous metals. It can also be used for grinding applications, drilling and general machining of aluminum and yellow metals.

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