

Product Description

Straight Cutting Oil HD is a high performance, heavy duty, chlorine free non staining neat oil based on solvent refined mineral oils and specialised functional chemistry.

Product Features & Benefits

Straight Cutting Oil HD is formulated from solvent refined mineral oil and specialized, high performance extreme pressure (EP) additives. **Straight Cutting Oil HD** contains corrosion inhibitors and specialised extreme pressure lubricants. It can be used on a range of metal types inclusive of yellow metals. It also contains polymeric chemistry to minimise misting.

Straight Cutting Oil HD:

- Has excellent extreme pressure/antiwear properties
- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Maximises tool life and provides an excellent surface finish
- Is Non Staining
- Has excellent rust inhibition

Application Information

Straight Cutting Oil HD

- Is recommended for both Ferrous, non-Ferrous metals and alloys.
- Used for both metal removal and forming operations (see table of recommended applications)

Typical Characteristics

Density @20°C	0.893
Flash Point	>200°C
Appearance	Amber

Recommended Applications

Duty	Operation	Ferrous	Non Ferrous	Duty	Operation	Ferrous	Non Ferrous	Alloy
Light	Grinding	√	√	Heavy	Tapping	√	√	√
	Sawing	√	√		Broaching / Gear hobbing	√	√	√
	Milling	√	√			Threading	√	√
	Reaming	√	√		Deep Hole Drilling / Gun Drilling		√	√
Medium	Milling	√	√					
	Turning/Boring	√	√					
	Drilling	√	√					
	Screw Machining	√	√					
	Stamping	√	√					

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