



listercut
HB5 EP Soluble Cutting Oil

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General

listercut HB5 EP Soluble Cutting Oil is a heavy duty, extreme pressure, biostable soluble cutting oil designed to provide high performance for machining metals, ranging from stainless and high alloy steels to low carbon steels, brass and aluminium.

listercut HB5 EP Soluble Cutting Oil derives its performance from a synergistic blend of high lubricity additives which help to provide the user with a coolant capable of meeting demanding requirements in terms of surface finish and tool life.

In addition, listercut HB5 EP Soluble Cutting Oil is designed to totally reject the tramp oils which degrade most conventional soluble oils listercut HB5 EP Soluble Cutting Oil produces a highly stable, semi-translucent emulsion which provides a very clean working environment, and which also tolerates hard waters and is low foaming in soft waters. The emulsion will resist degradation by microbial contamination for long periods and because of its excellent anti-corrosion properties listercut HB5 EP Soluble Cutting Oil can be used over a wide dilution range.

Field trials of listercut HB5 EP Soluble Cutting Oil have shown that it is not aggressive to operators' skin and is a safe and pleasant coolant to work with.

Physical Characteristics

Appearance	Clear yellow liquid
Emulsion Type	Semi translucent
SG @ 20°C	0.97 - 0.98
pH	9.1 @ 5%
Break Point (IP 287)	50:1
Dilutions	For general machining 30:1 For difficult operations 10:1

Health and Safety

See separate CHIP sheet.