Castrol

Product Information

SYNTILO 22

23/12/99

Fully Synthetic Soluble Cutting Fluid

DESCRIPTION

Castrol Syntilo 22 is a completely synthetic metal working fluid which has been developed for use as a general purpose grinding medium.

APPLICATION

This product contains no mineral oil, phenols or sodium nitrite. It forms a clear, stable solution in both hard and soft waters. Castrol Syntilo 22 exhibits very good anti-corrosion properties coupled with a high resistance to bacterial attack.

Although primarily intended for grinding ferrous metals, Castrol Syntilo 22 has in addition achieved considerable success when used with non-ferrous materials.

It is also ideally suited for use when grinding glass or ceramics. Being a synthetic solution as opposed to an emulsion, the very fine swarf generated during ceramic and glass grinding will easily 'drop out' prior to re-circulation.

When changing over from conventional soluble oils, it is recommended that machine tool coolant circulation systems be thoroughly cleaned and sterilised.

Castrol Syntilo 22 can be used for all grinding applications and also for light machining operations on all ferrous and non-ferrous metals.

TYPICAL PHYSICAL CHARACTERISTICS

Colour	Clear, colourless
pH (2% solution in distilled water)	9.5
Beeny Corrosion Test (2.5% in 200ppm artificially hardened water)	0/0 - 0
Relative Density @ 20ºC (concentrate)	1.06
Refractometer Correction Factor	2.67
Recommended Dilutions	
Surface Grinding, %	2 - 3
Light Machining, %	3 - 5