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SPARCOOL 20BF EP LU 310

Sparcool 20 BFEP is the first of a new generation of boron free semi-synthetic biostable water-mix metalworking fluids. It has been specially designed to incorporate the latest advances in additive technology and thereby comply not only with current legislation, but also that pending.

Sparcool 20 BFEP is truly an 'all round' water-mix metalworking with 'extreme pressure' type machining capabilities. This therefore means that Sparcut 20 BFEP is able to cope with materials with widely differing machining characteristics from cast iron through aluminium to stainless steel*. Its unique formulation also makes it suitable for grinding operation in which it will keep machining areas clean and free from the sticky deposits normally associated with synthetic grinding fluids.

In addition to its machining characteristics, Sparcut 20 BFEP offers the following benefits;

Boron Free, Triazine Free, Phenol free, Formaldehyde free, Contains no long chain Chlorinated Paraffin's

- Highly biostable
- Very low foaming tendency even in very soft waters
- Excellent residual corrosion protection
- Good tramp oil rejection
- Maintains machine cleanliness
- Free from short chain Chlorinated Paraffin, Terazine free, Boron Free

Specification

Appearance of Concentrate	Amber liquid
Specific Gravity @ 20°C	0.985
pH @ 3% (Distilled Water)	9.2
Anti-corrosion by IP287	2.5% Break Point
Refractometer Correction Factor	1.5

Application

Sparcool 20 BFEP should not be used at concentrations less than its specified break point. Maximum machining performance can be achieved at concentrations up to 12% however, the majority of operations will be completed with concentrations in the range 3 - 6%.

** Not being dedicated to any one material or machining process, care should be taken not to use Sparcool 20 BFEP in situations where a dedicated fluid may provide overall better performance.*