

## **LUBYSIL BCS 28 CF Technical Data Sheet**

Metalworking Soluble Cutting Oil  
For Grinding & Machining Operations

- . Chlorine free
- . DEA free
- . Hexahydrotriazine free
- . Extremely high anti-foam properties

### **Applications**

BCS 28 CF is a high quality multi-purpose coolant, which easily disperses in water. The product provides a stable, odourless micro-emulsion with high detergency and extremely good anti-foam and cooling properties. Those characteristics, together with a good resistance to microbiological degradation, make BCS 28 CF suitable for use in all grinding operations and general machining on cast iron and steels.

### **Recommended Concentration**

Working concentration varies according to machining operation, the hardness of the water and required work piece corrosion protection etc. The recommended concentration for use in medium water hardness is:

- . Grinding 4% - 5%
- . Machining 5% - 8%

### **Typical Physical Characteristics of BCS 28 CF**

	Unit	Method	BCS 28 CF
Mineral Oil Content	%		22
Density 20°C	Kg/dm <sup>3</sup>	ASTM D 1298	1.02
pH emulsion @ 3%		DIN 51369	9.4
Min. Anti-Cor. Protection limit (0-0)	%	DIN 51360/2	4
Refractometer Factor			1.6
Acid Spilt Factor			3.33