

### DESCRIPTION

Boron and biocide-free, aqueous, synthetic metalworking fluid.

### APPLICATION

Castrol Syntilo XPF is an extreme pressure premium synthetic coolant which provides a clean, safe, long life performance.

Castrol Syntilo XPF is free from biocide, fungicide, formaldehyde and boron, yet still achieves a remarkable resistance to microbial growth.

Castrol Syntilo XPF is ideally suited to all ferrous operations, however it is recommended for use on the most severe applications.

Castrol Syntilo XPF is suitable for a wide range and quality of waters and offers low foam in soft systems and exceptional stability up to 500ppm hardness.

### BENEFITS

- excellent machine tool cleanliness is achieved when machining cast iron or ferrous materials - reliable trouble-free machining with minimal build-up of fines or residue
- suitable for a wide range of ferrous materials
- low drag out and exceptionally long system life
- good corrosion protection on cast iron, can be used at concentrations of 4%
- low foaming in soft waters
- low soaping in hard water resulting in low filter usage
- free from sticky deposits commonly associated with synthetic coolants
- boron-free formulation which is an increasing requirement in many countries
- achieves excellent performance in heavy duty operations
- free of chlorine
- contains no bactericide, fungicide or formaldehyde

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.



### TYPICAL PHYSICAL CHARACTERISTICS

Appearance	Clear amber fluid
Solution appearance	Clear colourless
Density @ 15°C	1.07 kg/litre
pH 5% in demineralised water	9.2
Cast iron corrosion (IP 287)	Clear at 4% in 200ppm water (11 <sup>0</sup> d)
Concentrate stability	Stable at 0 <sup>0</sup> amd 50 <sup>0</sup> C
Emulsion stability	Stable in 500ppm water (30 <sup>0</sup> d)
Defoam 5% in 200ppm (IP 312)	Total collapse in 30 seconds

Health and Safety information sheets are available for all Castrol products from the address below.

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