

# MULTIGRIND SX FF

Last Updated: 09.01.2025  
Product Code: IF0411



MULTIGRIND SX FF is a fully synthetic, formaldehyde release biocide free, watermix grinding fluid suitable for surface and cylindrical grinding. Multigrind SX FF can be used to grind all ferrous and non-ferrous materials including yellow metals, gives superb low foam performance and has an extremely long service life and does not give sticky residues around the machine tool during use.

Multigrind SX FF contains a polymer based lubricity additive to give enhanced grinding performance.

## **APPLICATION**

Suitable for surface and cylindrical grinding on ferrous alloys, aluminium alloys, yellow metals, nickel alloys and special aerospace alloys

## **BENEFITS**

- Exceptional cooling properties
- Good wheel flushing properties
- Excellent corrosion protection of machine and work pieces
- Formaldehyde, nitrite, phenol and chlorine free

## **PERFORMANCE PROFILE**

Recommended Metalworking Concentrations

Grinding 3% - 5%

## **TYPICAL PROPERTIES**

Appearance (Concentrate)	Green liquid
Appearance (Emulsion)	Green clear solution
pH (3% emulsion)	8.7
IP 287 Breakpoint	2.5%
Mineral Oil Content	Nil
Refractometer Conversion Factor	3.2
Make Up Water Hardness	30 - 450 ppm

## **FLUID MAINTENANCE**

To check and maintain fluid concentration a refractometer is recommended, the resulting reading multiplied by the refractometer conversion factor will give the actual concentration strength. Maintaining a consistent concentration is paramount to prolonging the fluid sump life. To promote long service life, it is strongly advised that coolant systems are thoroughly sterilised with a System Cleaner prior to coolant changes (see Sarsol System Cleaner Technical Data Sheet for further information and guidelines).

Further tests for bacteria, fungus, pH and tramp oil contamination are available through our Cooltrak Fluid Management Service. This service offers guidance and assistance for users to comply with current HSE legislative requirements. Please contact us for further details.

## **SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)**

Gill Bridge Oil Works, Lowlands Road, Mirfield, WF14 8LU, England  
Tel: +44 (0)1924 494371 | Email: enquiries@sarlubricants.co.uk

Registered in England: 05866783 VAT Registration No: 889171963

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## **HEALTH & SAFETY**

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.