

Cotswold Chemicals & Lubricants

Metalworking Range

Cotswold Chemicals offer a dynamic range of high quality, water soluble metalworking products for all applications. The **COTSOCUT** and **COTSOGRIND** product ranges are developed using the highest quality base products and additives to give excellent performance and longevity of use.

COTSOCUT PRODUCT	Operation											Material							
	Drilling	Turning	Reaming	Boring	Broaching	Milling	Grinding	Tapping	Deep Hole Boring	Gun Drilling	Sawing	Mild Steel	Stainless Steel	Cast Iron	Brass	Aluminium	Aerospace Alloys	Titanium	Incanel
GPM	◆	◆			◆	◆	◆	◆			◆	◆		◆	◆	◆			
GP BIO	◆	◆	◆			◆	◆	◆			◆								
AL BIO	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆			◆	◆			
HW-V	◆	◆				◆	◆	◆			◆			◆	◆	◆		◆	
HW-V PLUS	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
PBS	◆	◆	◆			◆	◆	◆			◆	◆		◆	◆				
MP-LF	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	
EXCEL	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆		◆		◆	◆	◆	◆
SUPER BIO EP	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
LF-65	◆	◆	◆	◆		◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆		◆
C'SOGRIND S							◆					◆	◆	◆		◆	◆	◆	◆

COTSOCUT HW-V/ HW-V Plus

Cotsocut HW-V is a medium to high oil milky emulsion incorporating the advantages of emulsion stability, corrosion protection and is very stable in hard water. Suitable for general machining of non-ferrous and yellow metals, giving the advantage of reduced staining propensity. Cotsocut HW-V Plus has all the attributes of HW-V with added performance enhancing additives for more arduous operations.

COTSOCUT EXCEL

Cotsocut Excel is a multipurpose, semi synthetic long life water soluble cutting and grinding fluid, formulated for high performance on difficult aluminium alloys. Primarily designed to give ultra low foam characteristics in applications where the coolant is delivered at high pressure.

COTSOCUT GP BIO

Cotsocut GP BIO is a triazine free, high oil content, inherently stable watermix cutting fluid. It produces a milky to semi translucent emulsion, depending on the water quality, is low in odour and gives good corrosion protection to machines and components.



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Metalworking Range

COTSOCUT GPM

Cotsocut GPM is a high oil content, water miscible, metalworking fluid. It readily produces a stable milky emulsion for use on a wide variety of materials and machining operations. Suitable for a wide variety of ferrous and non ferrous alloys. Oil resistant polymers and composites

COTSOCUT AL BIO

Cotsocut AL-Bio is a new generation milky emulsion incorporating the advantages of extended service life, emulsion stability, corrosion performance and benefiting from the latest chlorine free performance enhancing additive technology. For use on Multi- Metal application, particularly Aluminium, for all general machining applications including cylindrical grinding.

COTSOCUT SUPER BIO EP

Cotsocut Super Bio EP is a medium oil content extremely high performance multi metal capable product based on Boron free technology. The product gives excellent tool life whilst being free from added Secondary Amines, Triazine's, Sulphur and Silicone based antifoams. Typical applications include general machining, thread rolling and cutting, reaming, deep hole drilling, etc. of Aluminium (including aerospace), titanium and incanel's.

COTSOCUT MP LF

Cotsocut MP LF is a multipurpose, long life, semi synthetic water soluble cutting and grinding fluid. It is formulated for high performance on difficult machining operations and is very low foaming. It is ideal for use as a multifunctional cutting fluid for modern CNC operations.

COTSOCUT PBS

Cotsocut PBS is a semi synthetic water miscible metalworking fluid. It forms a super stable micro emulsion capable of long service life. It is an excellent multipurpose cutting fluid providing superb cooling and flushing characteristics. Very tolerant of hard water conditions. Typical applications are most chip forming operations and general purpose surface and cylindrical grinding on ferrous and non-ferrous materials.

COTSOCUT LF-65

Cotsocut LF-65 is a high oil content, water miscible, metalworking product totally free from Hazard Labelling under current legislation. Suitable for General machining applications, including deep hole drilling and reaming, on ferrous and non ferrous materials including hard to machine incanels and Aluminium alloys.

COTSOGRIND S

Cotso grind S is a fully synthetic, inherently stable, grinding fluid. It is designed for most grinding operations, is resistant to foaming and gives excellent corrosion protection. It forms a clear fluorescent green solution. Suitable for a wide variety of ferrous alloys including cast iron, mild steel, stainless steel.



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