



**INTRODUCING QUICK SMART LUBRICANTS, A SMALL NICHE
MARKET SPECIALITY COMPANY CATERING FOR YOUR INDUSTRIAL OIL
REQUIREMENTS**

**METAL WORKING FLUIDS
NEAT METAL WORKING FLUIDS**

A comprehensive range of neat cutting oils for the machining operations of both ferrous and non-ferrous metals is available. The products range from inexpensive oils for non-critical operations to premium quality oils for exacting precision processes.

**KOOL KUT AL SEMI SYNTHETIC BIOSTABLE CUTTING FLUID
FOR ALUMINIUM & ALLOYS**

DESCRIPTION Kool Kut AL metalworking fluids are internationally tried and proven products designed to exceed the rigorous demands of today's manufacturing requirements. Colour coded for easy application, this new range of water miscible cutting and grinding fluids have been developed using the latest in biostable and additive technology to give long fluid life and low maintenance.

APPLICATION Exceptional resistance to bacterial and fungal growth, with superior performance characteristics, are what you can expect from Kool Kut AL, which is designed to be operator friendly and help maintain a clean working environment.

Kool Kut AL is a semi-synthetic, biostable cutting fluid, designed for machining Aluminium Alloys.

When mixed with water Kool Kut AL forms a stable, milky white emulsion.

Kool Kut AL has been specifically developed for the machining of aluminium and its alloys in high performance machining applications, giving excellent surface finish and dimensional accuracy.

Kool Kut AL is suitable for heavy duty and general machining operations including drilling, tapping and reaming of aluminium and other non ferrous alloys.

Kool Kut AL can also be used for the machining of ferrous metals.

- PERFORMANCE FEATURES**
- **Excellent Surface Finish**
High level of lubricity ensures an excellent surface finish.
 - **Non Staining on Non Ferrous Alloys**
Extremely effective boundary lubrication is achieved, with non staining characteristics.
 - **Multi Purpose/Reduced Stock Handling**
Can be used in most general machining applications on both ferrous and non ferrous metals.



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**PERFORMANCE
FEATURES**

- **Low Maintenance, Long Life**

Provides long term resistance to bacterial and fungal attack extending coolant life, reducing disposal costs.

- **Reduced Deposits**

Resistance to foaming and deposit formation helps keep machine tools clean.

- **Excellent Equipment Protection**

Imparts excellent corrosion protection to both machine tool and work piece.

**FLUID
PREPARATION**

Kool Kut AL should always be added to the correct volume of water, never the reverse, or emulsion instability may result. Slowly add the concentrate into the water, while gently agitating or stirring until a uniform emulsion is obtained. If the diluted fluid is prepared or adjusted in the machine tool coolant circulation system itself, then the appropriate amount of concentrate should be added slowly to the coolant system reservoir, preferably into the pump vortex. If proprietary mixing devices are used fresh calibration may be needed to achieve the correct dilution rates.

Recommended Dilutions:

General Machining Ferrous/Non-Ferrous

Reaming, Boring, Drilling of Aluminium Alloys

Concentration

4 - 6%

5 - 10%

KOOL KUT AL	SIZE	CTN QTY
KKAL-1	1LTR	12
KKAL-5	5LTR	4
KKAL-20	20LTR	1
KKAL-205	205LTR	1



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