



THE METAL WORKING FLUIDS

For whatever material you're machining and whatever the operation, Penrite's comprehensive range of new generation watermix metalworking fluids improve surface finish, cut the cost of poor quality, reduce energy consumption and increase tool life in both soft and hard water.

PENRITE



Visit our website at www.penriteoil.com

Clean-Rite

These types of products can be water based or solvent based component and are used extensively throughout the metalworking industry for the cleaning and work-in-progress corrosion inhibition of all metal types. They contain surfactants or detergents and depending on the base material, either these or the solvents do the cleaning. Notice needs to be taken of the flash points when handling.

Technical Data Sheets:

- > Clean-Rite AL TDS
- > Clean-Rite FC TDS
- > Clean-Rite FE
- > Clean-Rite HS
- > Clean-Rite SC TDS
- > Clean-Rite SD

*See website for more details

Cool-Rite

These are mineral oil, synthetic or semi-synthetic water miscible products designed for use in all water types for metal cutting and grinding operations. These products may contain bactericides and fungicides that help to prevent the growth of bacteria and mould and also extreme pressure additives for heavier duty work. Where it is desirable to be able to see the tool and machining operation, products that make opaque or clear emulsions are available.

Technical Data Sheets:

- > Cool-Rite AL SUPER
- > Cool-Rite AL
- > Cool-Rite FE
- > Cool-Rite GP SUPER
- > Cool-Rite GPX
- > Cool-Rite LF SUPER
- > Cool-Rite MGP
- > Cool-Rite SEG
- > Cool-Rite SHD
- > Cool-Rite SHG
- > Cool-Rite SOL
- > Cool-Rite XEP
- > Cool-Rite XFE

Service Additives Data Sheets:

- > Cool-Rite Antifoam
- > Cool-Rite Biocide
- > Cool-Rite Corrosion Inhibitor
- > Cool-Rite Fungicide
- > Cool-Rite Water Hardener
- > Cool-Rite Wax Concentrate

*See website for more details

Cut-Rite

These products offer superior performance where the demands upon the lubricant cannot be met by a water miscible fluid. They cover a wide range of viscosities and light, medium and heavy duty machining operations such as cutting, drilling, broaching, deep hole boring, reaming, grinding, threading, honing and many others. These products may contain active or inactive sulphur compounds and therefore care needs to be taken to select the correct grades to ensure that staining of metal does not occur.

Technical Data Sheets:

- > Cut-Rite 550S
- > Cut-Rite AM
- > Cut-Rite B
- > Cut-Rite CCM
- > Cut-Rite EDM-C
- > Cut-Rite EDM-F
- > Cut-Rite G
- > Cut-Rite GD
- > Cut-Rite MP
- > Cut-Rite NFE
- > Cut-Rite HON
- > Cut-Rite SF
- > Cut-Rite SPRAY MIST
- > Cut-Rite TAPPING FLUID

*See website for more details



Form-Rite

These are solvent or mineral based oils and additives that are used neat or as emulsions to shape or form all metal types during light, medium and heavy duty operations such as pressing, punching, stamping, cold-heading and drawing. They contain additives that help the forming process such as active or inactive sulphur compounds and therefore care needs to be taken when recommending products to meet the needs of the metal and the application to reduce the risk of staining.

Technical Data Sheets:

- > Form-Rite CH
- > Form-Rite CU
- > Form-Rite HD
- > Form-Rite HDS
- > Form-Rite HP
- > Form-Rite LD
- > Form-Rite LP
- > Form-Rite MP
- > Form-Rite VL

*See website for more details

Protect-Rite

Rust preventatives may be solvent, oil or water and emulsion-based and provide excellent water displacement properties and short, medium and long-term indoor and outdoor protection to suit a wide variety of metal types. Where metal components are to be shipped overseas a thicker film rust preventative may be applied to prevent any exposure to salt spray.

Technical Data Sheets:

- > Protect-Rite AQ
- > Protect-Rite LT
- > Protect-Rite MT
- > Protect-Rite ST
- > Protect-Rite SW
- > Protect-Rite XLT

*See website for more details

Quench-Rite

Also called quenching oils, these are mineral oil based normal and accelerated speed products and water based polymer quench and induction hardening fluids that cover a wide range of heat treatment applications where metal components are immersed in a heated bath to increase the structural hardness of the metal.

Technical Data Sheets:

- > Quench-Rite AQ
- > Quench-Rite SQ

*See website for more details

