

PENRITE



Grease's & Metal Working Fluids **PRODUCT LIST** **APRIL 2013**

PENRITE OIL COMPANY PTY LTD

88 Lewis Road, Wantirna South Victoria AUSTRALIA 3152

ABN 25 005 001 525

Enquiries: Phone 1300-PENRITE (1300 736 748)

Fax: 1800-PENRITE (1800 736 748)

International: Phone: 61 3 9801 0877 Fax: 61 3 9801 0977

Email: penrite@penriteoil.com

Technical Enquiries: tech@penriteoil.com

New Zealand

44C Dalgety Dve

Wiri South Auckland NZ

Ph: 0800 533 698

Fax: 0508 736 748

Website: www.penriteoil.co.nz

Email: salesnz@penriteoil.com

United Kingdom and EU

Hang Hill Works, Bream,

Nr Lydney, Glos. GL 15 6HT

Ph: +44 (0) 1594 562357

Fax: +44 (0) 1594 564234

Website: www.penrite.co.uk

Email: penriteoil.uk@penriteoil.com

www.penriteoil.com.au

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Australia: Sales & Enquires: Phone: 1300-PENRITE (736 748)

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Australia's Favourite Oil
Since 1926



OUR HISTORY

A Better Class of Oil for over 85 years...

From small beginnings in 1926, Les Mecoles founded Penrite Oil Company, soon purchasing his first factory in Melbourne, Australia, manufacturing high quality lubricants from Pennsylvania base stocks, regarded at the time as the best in the world.

In 1979, due to ill health, Les sold the company to John Dymond, Lubrizol's Australian National Sales Manager, a mechanical engineer by trade and a car enthusiast at heart, who rapidly expanded the Penrite range of products. John's technical background and commitment to quality ensured that Penrite continued to produce the highest quality product for every application and this philosophy, implemented by John in 1979, remains a core value of the company to this day.

Establishing Team Penrite in the early 80's, John was able to complete all the R & D requirements for his products on the race track, not only with cars, but also bikes, karts and trucks!

Driven by his "every product, every application, every customer" philosophy John expanded and developed the capabilities and capacity of the business to produce specific products for any market, effectively ensuring Penrite has every industry segment covered.

Supported by the largest range of speciality products and all backed up with a 100% product guarantee, John established a product range and brand that is, today, Australia's number 1 lubricant specialist.

For 85 years Penrite has been family owned and managed. In 2013, Toby and Nigel Dymond manage this World Wide business from Melbourne Australia, taking John's technical knowledge, his passion and his philosophy forward into the future.



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GREASES

Our extensive range of grease products covers most applications in the industrial and automotive sectors, from wheel and trailer bearings to anti-seize and assembly compounds.

EXTREME PRESSURE GREASE



Type: **Lithium**
Specification: **NLGI-2**
Colour: **Red**
Application: **Automotive, Commercial, Industrial**

Extreme Pressure Grease is a general purpose grease for industrial and automotive greasing applications.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| EPGR00045 | 450 gm | 12 |
| EPGR0005 | 500 gm | 12 |
| EPGR0025 | 2.5 Kg | 6 |
| EPGR020 | 20 Kg | |
| EPGR055 | 55 Kg | |
| EPGR180 | 180 Kg | |

MOLYGREASE EP 3%



Type: **Lithium**
Specification: **NLGI-2**
Colour: **Grey / Black**
Application: **Automotive, Commercial, Industrial, Mining, Marine**

Molygrease EP 3% is a grease containing molybdenum disulphide for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| MOLY00045 | 450 gm | 12 |
| MOLY0005 | 500 gm | 12 |
| MOLY0025 | 2.5 Kg | 6 |
| MOLY020 | 20 Kg | |
| MOLY055 | 55 Kg | |
| MOLY180 | 180 Kg | |

INDGREASE LITH EP 0

Type: **Lithium**
Specification: **NLGI-0**
Colour: **Light Brown**
Application: **Commercial, Industrial, Mining**

Indgrease Lith EP 0 is a mineral lubricating grease. It is made with a combination of antioxidants, corrosion inhibitors and extreme pressure (EP) and anti wear (AW) additives. It has a base oil viscosity of ISO VG 150 and is a semi-fluid type grease for use in many types of commercial, industrial and mining applications including heavy duty service where high loads are encountered. Suitable for rolling element bearings, plain bearings, gears and couplings, except Groenvelde automated truck greasing systems.

Key Specifications: DIN 51502: KP0K-20, ISO 6743: ISO-L-XCCFB0

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| IGRLITHEP0020 | 20 Kg | |

HIGH TEMPERATURE WHEEL BEARING GREASE



Type: **Lithium Complex**
Specification: **NLGI-2**
Colour: **Purple**
Application: **Automotive, Commercial, Industrial, Mining, Marine**

High temperature wheel bearing grease is designed for the lubrication of wheel bearings, particularly those in vehicles fitted with disc brakes, trailer applications, marine use and for general chassis greasing. Excellent resistance to water washout.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| HTGR00045 | 450 gm | 12 |
| HTGR0005 | 500 gm | 12 |
| HTGR0025 | 2.5 Kg | 6 |
| HTGR020 | 20 Kg | |
| HTGR055 | 55 Kg | |
| HTGR180 | 180 Kg | |

INDGREASE LITH R3



Type: **Lithium Complex**
Specification: **NLGI-3**
Colour: **Straw**
Application: **Automotive, Industrial**

Indgrease Lith R3 is a high quality multi-purpose rust & oxidation (R&O) type, lithium soap thickened grease. It is designed as a multi-service grease for automotive & industrial applications, particularly high speed, low load bearing applications. It is made using highly refined base oils and features include a high level of oxidation, rust and water washout protection. It is suitable for rolling element bearings, plain bearings, gears and couplings. Applications include electric motors, pumps, fans & generators. Because of its outstanding corrosion and water resistant properties, it can be employed where water ingress is present.

Key Specifications: DIN 51502: KP3K-20, ISO 6743: ISO-L-XCCFA3

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| IGRLR300045 | 450 gm | 12 |

INDGREASE 100 LXEP2

Type: **Lithium Complex**
 Specification: **NLGI-2**
 Colour: **Brown**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

Indgrease 100 LXEP 2 is a premium, high melting point grease. It is a high temperature grease designed to meet the most demanding grease applications especially where a low base oil viscosity and long life is required. Indgrease 100 LXEP 2 is formulated to provide extreme pressure (EP) and anti-wear (AW) protection plus water resistance properties. Indgrease 100 LXEP 2 is also formulated to give a high level of oxidation, rust and corrosion protection. Indgrease 100 LXEP 2 is recommended for use in most types of industrial applications operating under high speed and conditions where shock loads, extreme pressure and vibration may occur. It can provide long life protection for rolling element bearings, plain bearings, gears and couplings in applications that include electric motors, pumps, fans & generators. The recommended operating temperature range is from -20°C to 160°C.

Key Specifications: DIN 51502 KP2N-20, ISO 6743: ISO-L-XCDIB2

| Product Code: | Pack Size | Carton Qty |
|--------------------|-----------|------------|
| INDGR100LXEP200045 | 450 gm | 12 |
| INDGR100LXEP200045 | 180 Kg | |

INDGREASE MOLY HT

Type: **Lithium Complex**
 Specification: **NLGI-2**
 Colour: **Grey / Black**
 Application: **Commercial, Industrial, Mining**

Indgrease Moly HT is a premium heavy duty, NLGI No. 2 grease designed for the commercial, industrial & mining industry. It is formulated with high quality base stocks combined with extreme pressure additives for maximum loading applications and anti-wear protection, molybdenum disulphide for boundary protection against the heaviest sliding and shock or impact loading conditions, graphite and effective rust, oxidation and corrosion inhibitors. It is also adhesive and cohesive. It will resist "squeeze out" from surfaces requiring lubrication under load conditions. Indgrease Moly HT is the prime recommendation for mining and sugar mill applications. The extreme load capability makes it ideal for bucket pins, plain and roller bearings and all other heavy duty applications in the mining, sugar milling, construction and industry in general.



| Product Code: | Pack Size | Carton Qty |
|-----------------|-----------|------------|
| INDGRSMOLYHT180 | 180 Kg | |

ACT GREASE XEP2

Type: **Lithium Complex**
 Specification: **NLGI-2**
 Colour: **Red / Orange**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

ACT Grease XEP2 is a tenacious, highly specialised grease designed for use in Agricultural and Construction equipment as well as on highway Trucks. Manufactured from a bismuth extreme pressure (EP) and anti-wear (AW) system and utilising carefully blended polymers. The polymers help provide excellent stay in place properties and to adhere to critical parts where it can better lubricate metal surfaces. This is a far better outcome than for some of the "super-stringy" greases that are good at sticking to themselves but require the equipment to work harder to overcome internal friction. ACT Grease XEP2 can be used in various industrial, heavy duty automotive, agricultural, construction and mining applications, where it provides outstanding protection for low to medium speed bearings that are heavily loaded and where molybdenum greases are not required.

Key Specifications: DIN 51502: KP2N-20, ISO 6743: ISO-L-XBDIB2

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| ACTXEP200045 | 450 gm | 12 |
| ACTXEP2180 | 180 Kg | |

QCA GREASE MX9

Type: **Mixed Complex**
 Specification: **NLGI-2**
 Colour: **Grey / Black**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

Just what you need for ultimate performance in agricultural, mining and construction equipment. With 9% solids, this advanced grease can be used in the lubrication of ball joints, king pins and universal joints, as well as open surfaces like as trailer couplings and CV Joints.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| QCAG00045 | 450 gm | 12 |
| QCAG020 | 20 Kg | |
| QCAG180 | 180 Kg | |

QCS GREASE MXG 0

Type: **Mixed Complex**
 Specification: **NLGI-0**
 Colour: **Black**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

QCS Grease MXG 0 is an advanced technology grease made using a lithium-calcium complex soap with "built-in" extreme pressure and anti-wear properties and based on mineral oil. It is further enhanced by the addition of an anti-oxidant, corrosion inhibitors and 9% graphite. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. This is a far better outcome than for some of the "super-stringy" greases that are good at sticking to themselves but require the equipment to work harder to overcome internal friction. Applications include king pins, sleeve bearings, U-joints, chassis, ball/spherical bushes and cams. These include in industrial plants and off-highway equipment used in the mining, agricultural, forestry and construction industries.

Key Specifications: DIN 51 502: GOGON-20, ISO 6743: ISO-L-XBDIB0

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| QCSMXG0018 | 18 Kg | |
| QCSMXG0180 | 180 Kg | |

INDGREASE LCX 1100

Type: **Mixed Complex**
 Specification: **NLGI-2**
 Colour: **Brown**
 Application: **Commercial, Industrial, Mining**

Indgrease LCX 1100 is a lithium-calcium complex thickened lubricating grease based on a high viscosity mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology. Specially designed for heavily loaded industrial applications. This product is the primary choice for applications where shock loads or severe water flushing can occur and is ideal for sugar mills. The thickener, together with the highly viscous base oil, makes this product suitable for the lubrication of slow moving and heavily loaded bearings.

Key Specifications: DIN 51502: KP2N-20, ISO 6743: ISO-L-XBDIB2

| Product Code: | Pack Size | Carton Qty |
|-----------------|-----------|------------|
| INDGRLCX1100018 | 18 Kg | |
| INDGRLCX1100180 | 180 Kg | |

INDGREASE CXOG-05

Type: **Mixed Complex**
 Specification: **NLGI-0.5**
 Colour: **Dark Brown**
 Application: **Automotive, Commercial, Industrial, Mining**

Indgrease CXOG-05 is an advanced technology grease. It is made using a lithium-calcium complex soap with "built-in" extreme pressure (EP) and anti-wear (AW) properties. These are further enhanced by the addition of anti-oxidant and corrosion inhibitors. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. It is an NLGI 0.5 grade with a base oil viscosity of 800 cSt. Recommended for use in severe heavy duty applications where high shock loads are common including those in corrosive environments. These include in industrial plants and off-highway equipment used in the mining, agricultural, forestry and construction industries. Especially suited for open gear applications where greases containing solids are normally used. The microcrystalline structure of this grease functions in the same manner as the molybdenum type additives normally used.

Key Specifications: DIN 51502 KPGOG0.5N-30, ISO 6743: ISO-L-XCDIB0.5

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| INDGRCXOG5018 | 18 Kg | |
| INDGRCXOG5180 | 180 Kg | |

Indgrease BM3

Type: **Clay (Bentone)**
 Specification: **NLGI-3**
 Colour: **Grey / Black**
 Application: **Automotive, Commercial, Industrial, Mining**

Indgrease BM3 is a grease containing molybdenum disulphide. It is particularly suitable for Terex Finlay BL-Pegson Cone Crushers. May also be used for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings and where high temperatures are experienced.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| IGRBM300045 | 450 gm | 12 |

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Copper-Eze



Type: **Clay (Bentone)**
 Specification: **NLGI-1.5**
 Colour: **Copper**
 Application: **Automotive, Commercial, Industrial, Mining**

Copper Eze is an anti-seize grease containing micro-size copper, zinc oxide and a synthetic base oil that will resist temperatures of up to 1093°C. Used to coat flanges, threads, nuts, bolts etc prior to assembly, to enable easy disassembly. Is also ideal for exhaust manifold studs, turbocharger connections, spark plug threads, drum and disc brake assemblies. It may be used in all types of industries including in corrosive marine and mining environments, petroleum (exploration, refining) industry. It may be used at all temperatures from sub-zero to 1093°C.

| Product Code: | Pack Size | Carton Qty |
|---------------|------------|------------|
| CEZE00005 | 0.05 Litre | 12 |
| CEZE0005 | 0.5 Litre | 12 |
| CEZE0025 | 2.5 Kg | 6 |

BENTONE HD GREASE



Type: **Clay (Bentone)**
 Specification: **NLGI-2**
 Colour: **Brown**
 Application: **Commercial, Industrial, Mining, Marine**

Bentone HD Grease is a high temperature automotive and industrial grease manufactured from high quality base oils and a bentonite (clay) based thickener. It is formulated with extreme pressure additives to assist in the protection against wear in equipment involved in heavily loaded applications. Being a clay based grease, it is excellent at withstanding high temperatures. It is recommended for plain and anti-friction bearings operating in high temperature environments such as oven conveyors and in trolley wheels in clay ovens. It is also suitable for threaded spindles and guides and in the paper industry where felt guide rolls are in use. Also an excellent product for use where caustic/alkaline or acidic fluids are likely to be encountered, because of its resistance to these highly aggressive liquids.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| BENHDGR00045 | 450 gm | 12 |

INDGREASE 1615 WR

Type: **Calcium Complex**
 Specification: **NLGI-1.5**
 Colour: **Brown**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

Indgrease 1615 WR is a calcium sulphonate complex thickened, extreme pressure lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and anti-wear additives since they are built in as an integral part of the soap structure. It is an NLGI 1.5 grade with a base oil viscosity of ISO VG 460. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded applications or wet and corrosive environments.

Key Specifications: DIN 51 502:KP1.5N-20, ISO 6743: ISO-L-XBDFB1.5

| Product Code: | Pack Size | Carton Qty |
|----------------|-----------|------------|
| INDGR1615WR018 | 18 Kg | |
| INDGR1615WR180 | 180 Kg | |

RUBBER GREASE



Type: **Clay**
 Specification: **NLGI-2**
 Colour: **Red**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

Rubber Grease has been formulated to protect rubber from the risk of perishing. This clay-based grease with castor base oil has been specifically designed for the lubrication of natural or synthetic rubber components.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| RUBGR0005 | 500 gm | 12 |
| RUBGR020 | 20 Kg | |

MARINE GREASE



Type: **Lithium Complex**
 Specification: **NLGI-2**
 Colour: **Green**
 Application: **Marine**

Marine Grease is tacky, high temperature all-purpose grease manufactured from high quality mineral base oils and a lithium complex soap. It utilises a special anti-rust additive for enhanced protection in marine environments and tackiness additives to allow it to stay in place. Can be utilised in the following applications: boat trailer wheel bearings and general on-board greasing points including winch gears, bearing buddies, stern drives, steering tubes and cables and prop shaft splines.

Key Specifications: NLGI 2, DIN 51502, ISO 6743

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| MARGR00045 | 450 gm | 12 |

SEMI FLUID GREASE

Type: **Lithium**
 Specification: **NLGI 00**
 Colour: **Light Brown**
 Application: **Commercial, Industrial, Mining**

Semi-fluid grease is ideal for industrial applications requiring an extreme pressure fluid grease such as centralised systems, slasher gear boxes, fifth wheel and grease filled hubs. Semi Fluid Grease can be used where either **NLGI 00** or **NLGI 000** grades are required.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| SEMI00045 | 450 gm | 12 |
| SEMI020 | 20 Kg | |

GRAPHITE GREASE

Type: **Calcium**
 Specification: **NLGI 3**
 Colour: **Grey / Black**
 Application: **Automotive, Commercial, Industrial, Mining**

Graphite Grease is a calcium-based grease containing graphite for lubrication of brake cables, flexible drives, exposed chains and for general chassis lubrication of pre-1960 vehicles.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| GRGR0005 | 450 gm | 12 |

WATER PUMP GREASE

Type: **Calcium**
 Specification: **NLGI 4**
 Colour: **Amber / Yellow**
 Application: **Automotive, Commercial, Industrial, Mining, Marine**

Water pump grease is a calcium-based moderate-duty grease for automotive water pumps in older vehicles, fire fighting and irrigation equipment.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| WPGR00005 | 50 gm | 12 |

CAM ASSEMBLY LUBE

Colour: **Grey**
 Application: **Automotive, Commercial, Industrial**

For lubricating engine components during assembly. Ideal on camshafts, connecting rods and bearings. Not for use on pistons or in ring area.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CAM00004 | 40 ml | 12 |

| Penrite Product | Pack Sizes | | | | | | | | |
|---------------------------------------|------------|------|-------|-------|--------|-------|-------|-------|--------|
| | 40ml | 50gm | 450gm | 500gm | 2.5 kg | 18 kg | 20 kg | 55 kg | 180 kg |
| Extreme Pressure Grease | - | - | ● | ● | ● | - | ● | ● | ● |
| Molygrease EP 3% | - | - | ● | ● | ● | - | ● | ● | ● |
| Indgrease Lith EP 0 | - | - | - | - | - | - | ● | - | - |
| High Temperature Wheel Bearing Grease | - | - | ● | ● | ● | - | ● | ● | ● |
| Indgrease Lith R3 | - | - | ● | - | - | - | - | - | - |
| Indgrease 100 LXEP2 | - | - | ● | - | - | - | - | - | ● |
| Indgrease Moly HT | - | - | - | - | - | - | - | - | ● |
| ACT Grease XEPT | - | - | ● | - | - | - | - | - | ● |
| QCA Grease MX9 | - | - | ● | - | - | - | ● | - | ● |
| QCA Grease MXG 0 | - | - | - | - | - | ● | - | - | ● |
| Indgrease LCX 1100 | - | - | - | - | - | ● | - | - | ● |
| Indgrease CXOG-05 | - | - | - | - | - | ● | - | - | ● |
| Indgrease BM3 | - | - | ● | - | - | - | - | - | - |
| Copper-Eze | - | ● | - | ● | ● | - | - | - | - |
| Bentone HD Grease | - | - | ● | - | - | - | - | - | - |
| Indgrease 1615 WR | - | - | - | - | - | ● | - | - | ● |
| Rubber Grease | - | - | - | ● | - | - | ● | - | - |
| Marine Grease | - | - | ● | - | - | - | - | - | - |
| Semi Fluid Grease | - | - | ● | - | - | - | ● | - | - |
| Graphite Grease | - | - | ● | - | - | - | - | - | - |
| Water Pump Grease | - | ● | - | - | - | - | - | - | - |
| Cam Assembly Lube | ● | - | - | - | - | - | - | - | - |

For further detailed information on the Grease range visit our web site at www.penriteoil.com.au

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METAL WORKING FLUIDS

Penrite has a comprehensive range of metalworking fluids and services to cater for all engineering workshop needs.

CLEAN-RITE - WASH & CLEANERS

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.

CLEAN-RITE AL

Clean-Rite AL is a concentrated liquid alkaline spray cleaner used for cleaning components made from ferrous metals. It has shown excellent cleaning power on a wide variety of soils including drawing and stamping compounds, quench oils, forging residues etc. It is suitable for steel, cast iron and stainless steel.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CLRAL020 | 20 Litre | |
| CLRAL205 | 205 Litre | |

CLEAN-RITE FC

Clean-Rite FC is an alkaline water-based cleaner, floor scrubbing and maintenance cleaner. It is a low-foam, high performance liquid cleaner which has been specifically designed for use in powered floor scrubbing equipment. The use of detergents enable solutions of Clean-Rite FC to penetrate and remove the heaviest ground in soils and greases, which are generally encountered in industrial settings.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CLRFC020 | 20 Litre | |
| CLRFC205 | 205 Litre | |

CLEAN-RITE FE

Clean-Rite FE is a liquid neutral cleaner for washing and inter-stage corrosion inhibition of metal components. It is typically used in water at levels of 2% - 6% depending on soils to be removed and the metal substrate. It has been specifically designed as an in-process or prewash for removing light/medium soils from steel, galvanised steel, cast iron, yellow metals and most aluminium alloys.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CLRFE020 | 20 Litre | |
| CLRFE205 | 205 Litre | |

CLEAN-RITE HS

Clean-Rite HS is a Water miscible and neutral hard surface cleaner, rust remover and de-scaling fluid. Clean-Rite HS water dilutable, neutral cleaner is designed to remove soils, scale, light rust, phosphates and other surface treatments, leaving a bright and clean surface. It is suitable for use with ferrous, aluminium and yellow metal alloys and may be used in spray or soak systems at temperatures from ambient to 80°C.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CLRHS020 | 20 Litre | |
| CLRHS205 | 205 Litre | |

CLEAN-RITE SC

Clean-Rite SC is a machine tool system cleaner and coolant conditioning fluid for machines using water-based coolants. Clean-Rite SC is a combination cleaner and steriliser that is primarily intended for the cleaning of machine tool sumps and central systems. Clean-Rite SC can be used as a coolant conditioner, in semi-synthetic and soluble oil emulsions, to reduce bacterial and fungal infections, increase corrosion protection and remove dirt and oil build-up from machine surfaces.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CLRSC020 | 20 Litre | |
| CLRSC205 | 205 Litre | |

CLEAN-RITE SD

Clean-Rite SD is a solvent cleaner. It is a chlorine free degreasing/cleaning fluid based on high-performance synthetic hydrocarbon, well adapted to industrial cleaning applications. **The product's detergency and solvency power makes it particularly suitable for removal of coolants, protective oils and greases.**

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CLRSD020 | 20 Litre | |
| CLRSD205 | 205 Litre | |

| Penrite Product | Pack Sizes | |
|-----------------|------------|-------|
| | 20 L | 205 L |
| Clean-Rite AL | ● | ● |
| Clean-Rite FC | ● | ● |
| Clean-Rite FE | ● | ● |
| Clean-Rite HS | ● | ● |
| Clean-Rite SC | ● | ● |
| Clean-Rite SD | ● | ● |

For further detailed information on the Metal Working Fluids range visit our web site at www.penriteoil.com.au

PENRITE OIL COMPANY PTY LTD

Australia: Sales & Enquires: Phone: 1300-PENRITE (736 748)

Fax: 1800-PENRITE (736 748)

International Phone: +61 3 9801 0877, Fax: +61 3 9801 0977

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COOL-RITE - SOLUBLE CUTTING and GRINDING FLUIDS

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.

COOL-RITE AL SUPER

Cool-Rite AL Super is a medium oil content and chlorine free cutting fluid enhanced with synthetic lubricity additives that provides exceptional machining performance and superb tool-life for machining of aerospace alloys. This product holds Rolls-Royce Category 3 approval.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| ALSUP020 | 20 Litre | |
| ALSUP205 | 205 Litre | |

COOL-RITE AL

Cool-Rite AL is a very low foam cutting fluid for use on modern CNC machines where cutting ferrous and non-ferrous materials including aluminium aerospace alloys is required.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COOAL020 | 20 Litre | |
| COOAL205 | 205 Litre | |

COOL-RITE FE

Cool-Rite FE is a very low foam and low oil content cutting fluid for use on modern CNC machines where cutting Ferrous and Non-ferrous materials is required.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COOFE020 | 20 Litre | |
| COOFE205 | 205 Litre | |

COOL-RITE GP SUPER

Cool-Rite GP Super is a medium oil content cutting fluid enhanced with synthetic lubricity additives that provides exceptional machining performance and superb tool-life across all metal types. This product holds Rolls-Royce Category 3 Approval.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| GPSUP020 | 20 Litre | |
| GPSUP205 | 205 Litre | |

COOL-RITE GPX

Cool-Rite GPX is a high-oil content milky emulsion type cutting fluid for multi-metal machining complete with a chlorinated extreme pressure package for high end machining capability and surface finish. It also provides excellent corrosion protection for both the components and the machine tools.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COGPX020 | 20 Litre | |
| COGPX205 | 205 Litre | |

COOL-RITE LF SUPER

Cool-Rite LF Super is an ultra-low foaming, medium oil content cutting fluid enhanced with synthetic lubricity additives that provides exceptional machining performance on aerospace alloys, high tensile steels and titanium. This product holds Rolls-Royce Category 3 Approval.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| LFSUP020 | 20 Litre | |
| LFSUP205 | 205 Litre | |

COOL-RITE MGP

Cool-Rite MGP is a non-extreme pressure, very low foam, medium oil content soluble oil designed for use on modern CNC machines cutting ferrous and non-ferrous materials. It forms a translucent emulsion.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COMGP020 | 20 Litre | |
| COMGP205 | 205 Litre | |

COOL-RITE SEG

Cool-Rite SEG is a cost effective, super low foaming synthetic grinding fluid providing excellent work-piece visibility.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COSEG020 | 20 Litre | |
| COSEG205 | 205 Litre | |

COOL-RITE SHD

Cool-Rite SHD is a high performance, super low foaming synthetic cutting and grinding fluid providing excellent work-piece visibility.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COSHD020 | 20 Litre | |
| COSHD205 | 205 Litre | |

COOL-RITE SHG

Cool-Rite SHG is a high performance, super low foaming synthetic grinding fluid providing excellent work-piece visibility.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COSHG020 | 20 Litre | |
| COSHG205 | 205 Litre | |

COOL-RITE SOL

Cool-Rite Sol is a general-purpose, low odour soluble cutting oil designed as a coolant and lubricant during metalworking operations. It is made from hydrotreated base oils and a special blend of inhibitors, lubricity additives and emulsifiers. It forms a white emulsion and contains a bactericide. Suitable for general purpose cutting operations on low and medium tensile steels, free machining of brass bronze and cast iron.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| SOL005 | 5 Litre | |
| SOL020 | 20 Litre | |
| SOL205 | 205 Litre | |

COOL-RITE XEP

Cool-Rite XEP is a high oil content, general purpose, milky soluble solution suitable for all metal types and applications.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COXEP020 | 20 Litre | |
| COXEP205 | 205 Litre | |

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COOL-RITE XFE

Cool-Rite XFE is a very low foam and low oil content semi-synthetic cutting fluid with non-Chlorinated lubricity additive for use on modern CNC machines where cutting Ferrous and Non-ferrous materials is required.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| COXFE020 | 20 Litre | |
| COXFE205 | 205 Litre | |

COOL-RITE ANTIFOAM

Cool-Rite Antifoam is a high performance defoaming agent that is readily dispersible and stable in metalworking fluids, for use as a tankside addition to immediately control foaming. Silicone oil free to ensure process compatibility.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CRANT020 | 20 Litre | |
| CRANT205 | 205 Litre | |

COOL-RITE BIOCID

Cool-Rite Biocide is a fast acting, economical, formaldehyde release biocide with good long term stability both in the concentrate form and as part of a formulated product.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CRBIO020 | 20 Litre | |
| CRBIO205 | 205 Litre | |

COOL-RITE CORROSION INHIBITOR

Cool-Rite Corrosion Inhibitor is a synthetic corrosion inhibitor particularly suitable for the protection of copper and yellow metal alloys and highly effective passivation of a wide variety of aluminium alloys.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CRCOR020 | 20 Litre | |
| CRCOR205 | 205 Litre | |

COOL-RITE FUNGICIDE

Cool-Rite Fungicide is a highly effective, long lasting fungicide and bactericide suitable for addition to water based systems either as part of the fluid formulation or post treatment.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CRFUN020 | 20 Litre | |
| CRFUN205 | 205 Litre | |

COOL-RITE WATER HARDENER

A simple, fast acting, high activity, long lasting water hardening solution to reduce severe and persistent foaming in watermix fluid systems.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CRWAT020 | 20 Litre | |
| CRWAT205 | 205 Litre | |

COOL-RITE WAX CONCENTRATE

A high performance antifoaming and de-foaming agent that is readily dispersed and stable in metalworking fluid concentrates.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CRWAX020 | 20 Litre | |
| CRWAX205 | 205 Litre | |

| Penrite Product | Pack Sizes | | |
|-------------------------------|------------|------|-------|
| | 5 L | 20 L | 205 L |
| 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 | - | ● | ● |
| Cool-Rite Antifoam | - | ● | ● |
| Cool-Rite Biocide | - | ● | ● |
| Cool-Rite Corrosion Inhibitor | - | ● | ● |
| Cool-Rite Fungicide | - | ● | ● |
| Cool-Rite Water Hardener | - | ● | ● |
| Cool-Rite Wax Concentrate | - | ● | ● |

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CUT-RITE – NEAT CUTTING OILS

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.

CUT-RITE 550S

Cut-Rite 550S is a high Performance neat cutting, forming and grinding oil. It has a high level of extreme pressure additives and is used to cool and lubricate the work-piece and tooling. It is excellent for all metal cutting, forming and grinding operations of stainless steel, high temperature alloys, yellow metal alloy and aluminium where the highest precision is required. The surfaces of work pieces which are machined need no after-treatment as they appear to have been polished.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CU550020 | 20 Litre | |
| CU550205 | 205 Litre | |

CUT-RITE AM

Cut-Rite AM is a high lubricity neat cutting oil for machining and grinding. It is suitable for use in light to medium duty metal cutting operations on a wide range of machinery such as C.N.C.'s and auto's. It can also be used for honing and finishing operations on cast iron and steel. Penrite Cut-Rite AM is a low viscosity fluid with excellent lubricity, good detergency and swarf settling properties.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTAM020 | 20 Litre | |
| CUTAM205 | 205 Litre | |

CUT-RITE B

Cut-Rite B is an extreme pressure neat cutting oil for broaching and heavy duty machining. It is also formulated for difficult to severe vertical broaching and cutting operations, e.g. broaching of forged steels, stainless steels, nimonics etc. Cut-Rite B is a low viscosity fluid with excellent tool-part interface penetration promoting good detergency and chip settling properties.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTRB020 | 20 Litre | |
| CUTRB205 | 205 Litre | |

CUT-RITE CCM

Cut-Rite CCM is a combined cutting, machining, hydraulic and lubricating oil for convenient multi-purpose application in machine shops. It is available in a in ISO 32 viscosity grade to satisfy the requirements for industrial gearboxes, hydraulic systems, slideways and general lubrication.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUCCM020 | 20 Litre | |
| CUCCM205 | 205 Litre | |

CUT-RITE EDM-C

Cut-Rite EDM-C is an Electrical Discharge Machining (EDM) Fluid (Coarse) (Dielectric Fluid). Cut-Rite EDM-C is a low viscosity fluid containing antioxidant and low viscosity hydrocarbons. It is based on premium grade synthetic hydrocarbons which exhibit lower volatility and greater anti-oxidation properties

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUEDC020 | 20 Litre | |
| CUEDC205 | 205 Litre | |

CUT-RITE EDM-F

Cut-Rite EDM-F is an Electrical Discharge Machining (EDM) Fluid (Fine) (Dielectric Fluid). Cut-Rite EDM-F is a low viscosity fluid containing antioxidant and low viscosity hydrocarbons.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUEDF020 | 20 Litre | |
| CUEDF205 | 205 Litre | |

CUT-RITE G

Cut-Rite G is a chlorine free grinding fluid containing extreme pressure additives, antiwear additives, lubricity additives, detergents and carefully selected mineral oils. It is designed for use on applications such as surface and cylindrical grinding with CBN wheels.

Cut-Rite G is mainly recommended for use on gear shaping, shaving and grinding operations and has O.E.M approval for this application. It also finds use in many other grinding operations providing excellent wheel form, longer wheel life, superior finishes and close tolerance control.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTRG020 | 20 Litre | |
| CUTRG205 | 205 Litre | |

CUT-RITE GD

Cut-Rite GD is a chlorine free heavy duty cutting oil for heavy duty hobbing and vertical broaching operations on large and difficult sections. It is a medium viscosity fluid with excellent lubricity, good detergency and swarf settling properties. Cut-Rite GD is a specially selected blend of inactive sulphurised E.P. additives, lubricity additives and highly refined mineral oil.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTGD020 | 20 Litre | |
| CUTGD205 | 205 Litre | |

CUT-RITE MP

Cut-Rite MP is designed for machining of aerospace alloys such as steel, stainless steel, titanium, nimonics and other difficult to machine materials. It is a medium viscosity heavy duty neat cutting oil containing high levels of EP and inactive sulphur with anti-mist additive and is suitable for machining, turning, hobbing, broaching and threading operations.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTMP020 | 20 Litre | |
| CUTMP205 | 205 Litre | |

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CUT-RITE NFE

Cut-Rite NFE is a synthetic ester based heavy duty cutting oil for cutting, milling, turning, drilling and thread cutting operations on a wide range of materials. Penrite Cut-Rite NFE is based on special, extremely high VI synthetic esters with a low cloud point and low misting tendencies. Its high lubricity, non staining formulation makes it ideal for use with a wide range of metals from aluminium to titanium and all ferrous grades.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTNFE020 | 20 Litre | |
| CUTNFE205 | 205 Litre | |

CUT-RITE HON

Cut-Rite HON is a special purpose, low viscosity, extreme pressure straight cutting fluid manufactured from pure hydrocracked base oils and carefully selected extreme pressure additives. It contains sulphur based extreme pressure additives and lubricity additives. Cut-Rite HON has been designed for the machining and honing of cast iron and free machining of steel when re-conditioning engine cylinder bores and heads.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| HON020 | 20 Litre | |
| HON205 | 205 Litre | |

CUT-RITE SF

Cut-Rite SF is an extreme pressure low viscosity neat oil for honing, grinding and machining. It is recommended for heavy duty honing operations on steels, but can be used for other metal cutting operations where low viscosity and good extreme pressure properties are required. Penrite Cut-Rite SF is can also be used for fine thread rolling and forming operations.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CUTSF020 | 20 Litre | |
| CUTSF205 | 205 Litre | |

CUT-RITE SPRAY MIST

Cut-Rite Spray Mist is a pale amber liquid derived from natural vegetable oils and blended with performance enhancing additives. It has low toxicity and is readily biodegradable. Cut-Rite Spray Mist has a specially balanced formulation for use through metered mist air equipment, this ensure economical lubricant utilisation whilst also eliminating fluid loss normally associated with flood coolants.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| ANTIM020 | 20 Litre | |
| ANTIM205 | 205 Litre | |

CUT-RITE TAPPING FLUID

Cut-Rite Tapping Fluid is an extreme pressure metal cutting compound with high cling. It is suitable for all slow speed machining including reaming, tapping, threading drilling broaching and sawing. Cut-Rite Tapping Fluid improves tool life and surface finish and is highly effective on difficult-to-machine materials such as stainless, high tensile steels and nimonics.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| CURTF020 | 20 Litre | |
| CURTF205 | 205 Litre | |

| Penrite Product | Pack Sizes | |
|------------------------|------------|-------|
| | 20 L | 205 L |
| 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 | ● | ● |

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FORM-RITE – FORMING LUBRICANTS

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.

FORM-RITE CH

Form-Rite CH is a heavy duty lubricant for drawing of bright bar steels, cold extrusion work and cold heading. The product can also be diluted down with mineral oils for less severe drawing and pressing operations. It is a carefully selected blend of extreme pressure and lubricity additives in a highly refined mineral oil base.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMCH020 | 20 Litre | |
| FRMCH205 | 205 Litre | |

FORM-RITE CU

Form-Rite CU is a highly active blend of synthetic and natural lubricity additives which forms a stable viscous emulsion providing the ideal medium for high speeds and deep draws. It allows for additions of water to give the ideal product and viscosity to suite individual applications. Used in the manufacture of telecommunication cabling, kitchenware, pipes, automotive components, ordnance cases, white goods and closures.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FORCU020 | 20 Litre | |
| FORCU205 | 205 Litre | |

FORM-RITE HD

Form-Rite HD is a heavy duty neat oil drawing compound recommended for a broad range of alloys, including steel, stainless and aluminium. It is high in viscosity and EP additives and is recommended for severe deep drawing and stamping operations.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMHD020 | 20 Litre | |
| FRMHD205 | 205 Litre | |

FORM-RITE HDS

Form-Rite HDS is an emulsifiable, heavy duty, neat or soluble oil, EP drawing and stamping compound for drawing operations on ferrous metals, zintec and stainless steel which is also recommended for deep drawn presswork.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FMHDS020 | 20 Litre | |
| FMHDS205 | 205 Litre | |

FORM-RITE HP

Form-Rite HP is a very heavy duty lubricant for very severe deep drawing and threading operations in steels and nonferrous metals, where conventional drawing & cutting oils would fail due to scoring and splitting. The product can be diluted with mineral oils for less severe operations.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMHP020 | 20 Litre | |
| FRMHP205 | 205 Litre | |

FORM-RITE LD

Form-Rite LD is a low viscosity heavy duty neat oil drawing compound recommended for a broad range of alloys, including steel, stainless and non-ferrous metals. It is high in extreme pressure and lubricity additives and is recommended for blanking, cold heading, roll forming and drawing and stamping operations.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMLD020 | 20 Litre | |
| FRMLD205 | 205 Litre | |

FORM-RITE LP

Form-Rite LP is a low viscosity heavy duty neat oil drawing compound recommended for a broad range of alloys, including steel, stainless and aluminium. It is high in EP additives and is recommended for socket punching on cold headed parts and thread forming operations.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMLP020 | 20 Litre | |
| FRMLP205 | 205 Litre | |

FORM-RITE MP

Form-Rite MP is an emulsifiable blend of severely solvent refined oil, EP additives and corrosion inhibitors. It is free from chlorine and is suitable for a wide range of presswork applications.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMMP020 | 20 Litre | |
| FRMMP205 | 205 Litre | |

FORM-RITE VL

Form-Rite VL is a low viscosity vanishing oil based on a blend of highly refined hydrocarbons supplemented with additives, which provide enhanced lubricity and short term corrosion protection.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| FRMVL020 | 20 Litre | |
| FRMVL205 | 205 Litre | |

| Penrite Product | Pack Sizes | |
|-----------------|------------|-------|
| | 20 L | 205 L |
| 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 | ● | ● |

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PROTECT-RITE – CORROSION PREVENTATIVE

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.

PROTECT-RITE AQ

Protect-Rite AQ is a water based, new generation product of low hazard, low VOC, wax film corrosion preventatives. It provides long term protection on ferrous and aluminium alloy components and is particularly suited to the protection of machined parts. Protect-Rite AQ is proven to be effective as a top body wax for the protection of painted surfaces during the outdoor storage of vehicles.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| PROAQ020 | 20 Litre | |
| PROAQ205 | 205 Litre | |

PROTECT-RITE LT

Protect-Rite LT is a solvent deposited, long term, dry wax film, barium free, temporary corrosion preventative for use on ferrous and non-ferrous components to give up to 18-months indoor storage protection. Protect-Rite LT has excellent water displacement properties and is highly resistant to emulsification. Typical applications are inter-process storage, transport of machine components, tools, tubes, sheets, box and rolled sections, automotive component industry.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| PROLLT020 | 20 Litre | |
| PROLLT205 | 205 Litre | |

PROTECT-RITE MT

Protect-Rite MT is a solvent deposited, medium term, dry wax film, barium free, temporary corrosion preventative for use on ferrous and non-ferrous components to give up to 12-months indoor storage protection. Protect-Rite MT has excellent water displacement properties and is highly resistant to emulsification. Typical applications are inter-process storage, transport of machine components, tools, tubes, sheets, box and rolled sections, automotive component industry.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| PROMT020 | 20 Litre | |
| PROMT205 | 205 Litre | |

PROTECT-RITE ST

Protect-Rite ST is a solvent deposited, medium term, dry wax film, barium free, temporary corrosion preventative for use on ferrous and non-ferrous components to give up to 6-months indoor storage protection. It has excellent water displacement properties and is highly resistant to emulsification. Typical applications are inter-process storage, transport of machine components, tools, tubes, sheets, box and rolled sections, automotive component industry.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| PROST020 | 20 Litre | |
| PROST205 | 205 Litre | |

PROTECT-RITE SW

Protect-Rite SW is a high performance grease and rust preventive made from refined mineral oils and calcium soap which is designed to protect metal parts and bearings where there is a risk of exposure to salt water and air.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| PRRSW020 | 20 Litre | |
| PRRSW205 | 205 Litre | |

PROTECT-RITE XLT

Protect-Rite XLT is a hot dip temporary corrosion preventative which provides long term protection. It is a blend of waxes, oils and corrosion inhibitors formulated for applications where a substantial coating is required for temporary protection from corrosion.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| PRXLT020 | 20 Litre | |
| PRXLT205 | 205 Litre | |

| Penrite Product | Pack Sizes | |
|------------------|------------|-------|
| | 20 L | 205 L |
| Protect-Rite AQ | ● | ● |
| Protect-Rite LT | ● | ● |
| Protect-Rite MT | ● | ● |
| Protect-Rite ST | ● | ● |
| Protect-Rite SW | ● | ● |
| Protect-Rite XLT | ● | ● |

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QUENCH-RITE – HEAT TREATMENT OILS

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.

QUENCH-RITE AQ

Quench-Rite AQ is a high viscosity, solvent refined hot quenching oil. It contains a special accelerating additives as well as inhibitors for a long consistent working life. This marquenching oil is designed to produce maximum hardness without distortion. It is especially useful for more complex components which would undergo distortion under normal quenching conditions. Quench-Rite AQ may also be used as a cold quenching oil to achieve grade rationalisation and as a stress relieving bath with long life and low drag out.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| QUEAQ020 | 20 Litre | |
| QUEAQ205 | 205 Litre | |

QUENCH-RITE SQ

Quench-Rite SQ is a light viscosity non-accelerated, cold quenching oil. It is based on specially selected, highly refined base oils, which give the product good thermal stability, with a high resistance to oxidation and sludging. Quench-Rite SQ is widely used for general quenching applications where a high speed quench is not required or where an accelerated quench oil may cause cracking or distortion such as with high carbon/high alloy steels.

| Product Code: | Pack Size | Carton Qty |
|---------------|-----------|------------|
| QUESQ020 | 20 Litre | |
| QUESQ205 | 205 Litre | |

| Penrite Product | Pack Sizes | |
|-----------------|------------|-------|
| | 20 L | 205 L |
| Quench-Rite AQ | ● | ● |
| Quench-Rite SQ | ● | ● |

For further detailed information on the Metal Working Fluids range visit our web site at www.penriteoil.com.au

PENRITE OIL COMPANY PTY LTD

Australia: Sales & Enquires: Phone: 1300-PENRITE (736 748)

Fax: 1800-PENRITE (736 748)

International Phone: +61 3 9801 0877, Fax: +61 3 9801 0977

New Zealand: Ph: 0800 533 698, Fax: 0508 736 748

Australia's Favourite Oil
Since 1926

