



INDUSTRIAL LUBRICANTS



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INDUSTRIAL LUBRICANTS SOLUTIONS

About Us

Royal Precision Lubricants is a 100% privately owned Australian company, and are a manufacturer and marketer of state of the art lubricants.

Established in 1995, Royal Precision Lubricants incorporates the most advanced, cutting edge additive technology and formulates finished products using the finest mineral through to PAO/Ester synthetic base oils available.

Technology

Manufacturing facilities are located in Brisbane and Melbourne. Both facilities hold ISO 9001 quality certified manufacturing systems, ensuring product consistency and quality assurance that meets or exceeds industry standards.

Royal Precision Lubricants product range is sold throughout Australia, New Zealand and South East Asia, across many market sectors including Automotive, Agriculture, Transport, Earthmoving, Industrial, Racing and Motorcycle. Each product is manufactured to meet high performing end user needs and are formulated to extend your equipment and vehicle service life resulting in less downtime and increased profitability.

Royal Precision Lubricants remains steadfast in its commitment to monitor market needs and produce cutting edge, precision lubricant engineering. This commitment has driven the introduction of a range of new and upgraded lubricants that provides tangible, real-world benefits.

Safety and the Environment

At Royal Precision Lubricants we have an extensive range of environmentally friendly products which offer our customers peace of mind knowing they have considered our planet when making their selection. We actively research alternative solutions to increase our ECO range. We strive to position ourselves at the forefront of our industry, alongside a healthy planet.

In all our activities and operations we will:

- Comply with all legal regulations
- Provide a secure working environment for our employees and contractors
- Participate in hazard identification and risk assessment reporting to support our commitment to HSE
- Ensure all our operatives comply with the minimum standard of operation



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INDUSTRIAL GEAR LUBRICANTS

The industrial gear oils range has been developed to provide excellent performance in a wide range of industrial applications. Ideally suitable for use in closed gear boxes and plain bearings. Our industrial gear oils contain extreme pressure additive technology and are yellow metal compatible using acknowledged additives that provide protection to all metal surfaces.

Product	Specification
Ingear Industrial Gear Oils 68, 100, 150, 220, 320, 460 680, Code: 7020 to 7026	Ingear industrial gear oils are premium quality, extreme pressure gear oils for use in enclosed gear boxes in industrial applications and may also be used for plain bearings where high gear loading or stressing is encountered. Specifications: API: GL-3, ISO: 68, 100, 150, 220, 320, 460, 680, 1000, U.S. Steel: 224, David Brown: S1. 53. 101(E), AGMA: 9005-D94, DIN: 51517(Part 3).
Syngear Industrial Gear Oils 150, 220, 320, 460, 680, Code:7629 TO 7633	Syngear industrial gear oils are full synthetic gear oils enhanced with sulphur/phosphorus extreme pressure additive technology providing outstanding thermal stability and high load carrying capacity. Specifications: API: GL-3, DIN: 51517 Part 3, ISO: 150, 220, 320, 460, 680, AGMA: 9005 - D94, US Steel: 224, David Brown: Type E, Hansen Transmissions, Flender, Suitable for Müller Weingarten equipment.

Greases and Semi Fluids

Product	Specifications
Syntec XP Code: 9010	Syntec XP is a waterproof Full Synthetic, 'state of the art' high temperature grease that has a smooth texture and is the prime recommendation for automotive bearing, marine and industrial applications where performance matters.
Lithplex EP2 Code: 9003	Lithplex EP2 is a general purpose, extreme pressure, high temperature, lithium complex grease which contains a light tackiness agent and is an ideal grease for multiple greasing applications.
Red Tac EP2 Code: 9008	Red Tac EP2 is a water resistant, premium multi purpose, extreme pressure grease containing special EP additives, rust and oxidation inhibitors and a tackiness agent.
XHD Grease Code: 9031	Ultra thick and tacky premium grease suitable for Chassis, Pins, Bushes and even Rock Breaker Hammers. One of the most robust commercial greases on the market today. Ideal for agricultural, earthmoving and transport lubrication applications. (1900Cst) base oil and premium tacifiers. NLGI: 2
Easy Pump Grease Code: 9032	Premium tacky red grease ideal for pins bushes and under chassis greasing applications. Ideal for Agricultural and Earthmoving applications all year round. (1900Cst) base oil and premium tacifiers. NLGI: 1
Moly Hi-Load Code: 9006	Moly Hi-Load is a water resistant, special long life grease recommended for high load service conditions in hostile environments or where extended service is intended, due to the additional anti-wear protection provided by the presence of molybdenum disulfide.
Multi Purpose EP2 Code: 9001	Multi Purpose EP2 grease is a multi purpose, extreme pressure, industrial and automotive grease made from lithium soap, sulfur, phosphorus, extreme pressure additives, a high quality base oil and rust and oxidation inhibitors. An ideal low cost chassis and general purpose grease.
Semi Fluid EP Greases Code: 9019, 9023, 9140	Semi fluid EP grease range are premium quality multi purpose greases for use in all anti-friction and plain bearings subjected to high shock load and vibration conditions. NLGI Grades: EP-0, EP-00, EP-1
Copper Anti-Seize Code: 9015	Copper Anti-Seize Compound is a superior quality, high temperature anti-seize and lubricating compound.
Nickel Anti-Seize Code: 9016	Nickel Anti-Seize compound provides superior lubrication allowing easy assembly and disassembly of metal parts.
Rubber EP X-9 Code: 9014	Rubber EP X-9 is a premium grease for industrial, automotive and consumer rubber component applications containing castor oil for use when contact with natural and/or synthetic rubber is likely to occur.

HIGH PERFORMANCE HYDRAULIC FLUIDS

Hydrol Retain Hydraulic Fluids

HIGH EFFICIENCY MULTI GRADE HYDRAULIC FLUIDS

Higher system efficiency presents a strong argument for using multi-grade hydraulic fluids, but their potential for improved machine productivity can have an even greater impact on your bottom line.

Key Benefits:

- Proven superior viscosity control and anti-wear technology
- Performance that exceeds many major OEM requirements
- Sustainable increases in productivity and reductions in energy consumption
- Prolonged Total Oil Service Times (TOST)
- Better oil pressure and stability under high load / high heat conditions
- Less wear on pumps and hydraulic equipment
- Superior air separation and resistance to foaming
- Enhancing equipment performance and longevity

Product	Specifications
Hydrol Retain 46, 68 Multi Viscosity, Sheer Stable Hydraulic Fluids Code: 5303 and 5304	Boasting superior thermal stability and viscosity retention along with excellent air separation properties Hydrol Retain HE 46 and 68 are an ideal choice in arduous operating conditions. ISO: 46 and 68, Vickers: V-104C and 35VQ25 vane, 1-286-S, M2950-S, Denison: HF-1, HF-2, HF-0, Volume vane pumps, Cincinnati Milacron: P-68, P-69, P-70, DIN: 51524 Part 2, Lee Morse: 100-1, Jeffrey: No. 87, Ford: M-6C32, US Steel: 136, 127, BF Goodrich: 0152, General Motors: LH- 04-1, LH-06-1, LH- 5-1, Commercial Hydraulics (except PM500 Series) AFNOR: E48-603



HYDROL
RETAIN....

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CONVENTIONAL HYDRAULIC FLUIDS

HYDROL AW and HVI Hydraulic Fluids

Hydraulic fluids are running with higher load pressures and temperatures, and are required to provide adequate protection and performance under all operating conditions. The Hydrol hydraulic fluids range has you and your equipment covered all year round.

Product	Specification
Hydrol AW 15, 22, 32, 46, 68, 100, 150 Code: 5000 to 5006	AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filterability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLP) , Eaton Vickers: I-286-S, Eaton Vickers: M-2950-S (35VQ25)M, Ford: M6C 32 , General Motors: LH-04-1, LH-06-1, LH-15-1, BF Goodrich: 0152, US Steel: 136, 127.
Hydrol AW HVI 32, 46, 68 Code: 5102 to 5104	AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filterability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLP) , Eaton Vickers: I-286-S, Eaton Vickers: M-2950-S (35VQ25)M, Ford: M6C 32 , General Motors: LH-04-1, LH-06-1, LH-15-1, BF Goodrich: 0152, US Steel: 136, 127.
Hydrol AW ZF 32, 46, 68 Code: 5117 to 5119	Hydrol AW Zinc Free hydraulic fluids have been specially formulated for use in hydraulic systems containing silver componentry including Lucas PM500 series pumps.
C4 Hydraulic 10W Code: 3700	Suited to both on-highway and off-highway mobile hydraulic applications. SAE Viscosity: 10W, MIL-L-2104D & E, Allison: C-4, Caterpillar: TO-2.
Hydraulic Jack Oil Code: 5112	Hydraulic Jack Oil is a premium quality hydraulic oil made from selected base stocks and an advanced anti-wear additive. It is recommended for use in all types of hydraulic jacks and hoists.

Bio-Degradable Hydraulic Fluids

Product	Specification
ECO Bio-Draulic 46, 68 Code: 9026 and 9025	ECO Bio-Draulic hydraulic oils are fortified vegetable based fluids that are bio-degradable and are ultimately harmless to the environment while meeting the requirements of conventional hydraulic lubricant. ECO Bio-Draulic hydraulic oils are suitable for all types of machinery including forklift in cool stores, golf course equipment, wineries, fruit processing plant, food production areas, grape harvesting equipment, meat works etc. AFNOR: NF E 48-603, AFNOR: NF E 48 690, 691 Filterability, Cincinnati Machine: P-68, P-69, P-70, Denison: HF-0, HF-2, DIN: 51524 Part 2 & 3 (HVLP) , Eaton Vickers: I-286-S, Eaton Vickers: M-2950-S (35VQ25)M, Ford: M6C 32 , General Motors: LH-04-1, LH-06-1, LH-15-1, BF Goodrich: 0152, US Steel: 136, 127.





COMAIR PURE GUARD Compressor Fluids

100% Synthetic

ComAir Pure Guard Rotary Sliding Vane and Screw Air Compressor oils are superior compressor lubricants formulated from synthesised base stocks with a special non-hydrolysing anti-wear additive. Suitable for all rotary screw & rotary compressors operating under severe conditions. Also both grades can be used as hydraulic oil where the application calls for a non-zinc type oil to protect pumps with silver-plated surfaces.

Product	Specifications
ComAir Pure Guard 46, 68, 100 Code: 7011 to 7013	ISO: 6743-3A-DAJ, DIN: 51506, DIN: 51352, Atlas Copco, Ingersoll Rand, CompAir, Champion, Sullair, ABAC, Kaeser and all other screw and rotary type air compressors. Zinc Free additive technology also makes this product ideal for high performance hydraulic applications where soft or yellow metal surfaces are present.

Summary of Benefits:

- Minimum deposit forming
- Protects compressor components from wear
- Low wear as a result of excellent rust protection and high film strength.
- Separates readily from water.
- Long service life of up to **4000 hours** in screw and rotary vane type air compressors.
Exact maintenance interval will depend on intake air quality, duty cycle and ambient temperature.
- Use oil analysis to determine best drain intervals.

COMAIR SYN GUARD Compressor Fluids

100% PAO/Ester Synthetic

Comair Syn Guard Rotary Sliding Vane and Screw Air Compressor oils are superior compressor lubricants formulated from PAO and Ester base stocks with a special non-hydrolysing anti-wear additive. Suitable for all rotary screw & rotary compressors operating under severe conditions. Also, all grades can be used as hydraulic oil where the application calls for a non-zinc type oil to protect pumps with silver-plated surfaces.

Product	Specifications
ComAir Syn Guard 46, 68, 100 Code: 7221 to 7223	ISO: 6743-3A-DAJ, DIN: 51506, DIN: 51352, Atlas Copco, Ingersoll Rand, CompAir, Champion, Sullair, ABAC, Kaeser and all other screw and rotary type air compressors. Zinc Free additive technology also makes this product ideal for high performance hydraulic applications where soft or yellow metal surfaces are present.

Summary of Benefits:

- Minimum deposit forming.
- Protects compressor components from wear.
- Low wear as a result of excellent rust protection and high film strength. Use oil analysis to determine extended drain intervals.
- Separates readily from water.
- Exceptional resistance to thermal and chemical breakdown.
- Long service life of up to **6,000 hours** in screw and rotary vane type air compressors.
Exact maintenance interval will depend on intake air quality, duty cycle and ambient temperature.
- Use oil analysis to determine best drain intervals.

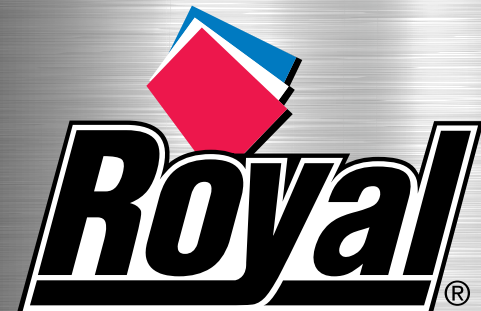
Specialty Fluids

Product	Specifications
CR Form: Concrete Mould Release Code: 7063	CR Form: Concrete Mould Release, is a release agent which is suitable for form materials, e.g. steel, wood, plywood, hardboard etc. A release agent is applied to form work prior to placing concrete against the form and provides a film at the form work/concrete interface, which facilitates stripping and at the same time minimises blemishes to the concrete surface.
BR200: Brick Mould Release Code: 7060	Used where Clay products are normally extruded through a die to give the required cross sectional shape. Here we refer to the oil as a die lubricant in the extrusion process. The die lubricant is fed into the laminates of the extruder mouth of the die under controlled pressure and feed rates to suit the application, e.g. bricks, roofing tiles, pipe work, etc.
Rock Drill Oil 100, 150, 320 Code: 7034 to 7036	Rock Drill Oils are specially formulated for the lubrication of percussion type air tools. They have good EP properties, provide good rust protection, are non-corrosive to air tool parts and resist water washing. They are available in ISO viscosity grades 100, 150 and 320 to provide the correct choice for most operating or climatic conditions in Australia.
Log End Sealer 45 Code: 9099	Log End Sealer 45 is a wax emulsion timber sealer. It is applied at a rate of approximately 4-6 square meters per litre, using a brush, roller or spray.
Vacuum Pump Oil 68,100 Code: 7070 and 7071	Vacuum Pump Oils are highly refined mineral-based products manufactured specifically for the lubrication of vacuum pumps used in the dairy industry and some laboratory applications.
RPL White Oil 15, 68 Code: 9930 and 9931	RPL White Oil 68 is a white mineral oil specially processed and packaged to ensure full compliance with the purity standards of the US Pharmacopoeia (USP) and British Pharmacopoeia (BP). All grades comply with US Food and Drug Administration (FDA) Regulation CFR 172.878 for light mineral oil that is permitted to be included, within restrictions, in foods and CFR 178.3620 (a) for mineral oil for use in non-food articles that will come in contact with food. All grades are stabilised with an FDA approved inhibitor to improve shelf life.

Metal Working Fluids

Product	Description
Solcut Ultra Code: 7128	A concentrated, full synthetic soluble metal cutting fluid formulated to lubricate during stamping, milling, machining, drilling and grinding. Far superior to conventional oils in reducing or eliminating workplace temperature build up caused by these operations. Easily Mixable with water and contains anti fungal additives.
Tableway 68, 150, 220 Code: 7079 to 7081	Tableway fluids are special products for lubricating the slide-ways of machine tools, containing friction modifiers and extreme pressure additives to provide smooth operation, free from stick slip, and they protect against wear and corrosion.
Maxcut AM Code: 7120	Maxcut AM is an extreme pressure mineral neat cutting oil with low odor characteristics for the machine operator's comfort. It contains a sulphur compound extreme pressure additive system, rust and anti-foam additives for long tool life, good heat transfer and surface finish.





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Also Stocked By:

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