



INDUSTRIAL LUBRICANT BROCHURE



- Hydraulic Oil
- Compressor & Vacuum Oil
- Machine Oils
- Chain Oils
- Metal Working Fluids
- Grease



ANGLOMOIL IS AN AUSTRALIAN, FAMILY OWNED COMPANY
MANUFACTURING QUALITY LUBRICANTS SINCE 1982



Lubricants for Automotive, Industry, Food, Farm Machinery, Marine, Earthmovers, Road Transport
2 Beaumont Rd, Mt Kuringai, NSW, Australia Phone: +61 2 9457 8566, Fax: +61 2 9457 8057
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Anglomoil is an Australian-based specialty oil manufacturer producing many types of high-quality lubricants for a wide range of applications.

The oil industry is dominated by half a dozen huge companies. Yet despite their size, or perhaps because of it, they can be successfully challenged by smaller, efficient competitors.

We have carefully crafted such a company, specialising in a core of high performance lubricants, plus the flexibility to meet individual needs with tailored products.

Applications for which we currently manufacture oils include: diesel engine oils, petrol engine oils, two stroke oils, automotive gear oils, transmission fluids, tractor oils, hydraulic oils, industrial lubricants, greases, marine, food grade lubricants, additives, workshop products and auto-care products.

Anglomoil is blessed with a wealth of experience, hard won in various parts of the world, and dating back more than forty years. We are a 100% Australian company and our oils have been blended and marketed in Australia since 1982. From the outset, an old fashioned marketing policy of "value for money" has been maintained.

Service is also an important factor and everyone appreciates a warm and friendly response to their queries.

Our philosophies have obviously struck a resonant chord with many Australians and sales have grown steadily year by year, mainly due to the best recommendation of all - "word of mouth referral" by satisfied customers.

Anglo Design is committed to the long haul and our plant which was built in 1988 has already been extended. Production capacity of Anglomoil lubricants has been quadrupled.

Anglomoil lubricants are marketed throughout Australia from our manufacturing base in Sydney, whilst overseas, a growing number of countries are importing Anglomoil lubricants.

Despite the slick pronouncements of current day "Business Gurus", it seems that the old fashioned principles of "service and value for money" are the most enduring.



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Hydraulic Oils

PREMIUM HYDRAULIC OILS. Premium series high viscosity index hydraulic oils, containing additive treatments to combat rust, foaming and wear. Good demulsibility and high temperature stability are outstanding features of these oils. Performance Standards: Denison HF-0, HF-1, HF-2; Vickers 1—286-S M2950-S; Cincinnati Milacron P-69, P-68, P-70

HVI HYDRAULIC OILS. Premium grade hydraulic oils containing a highly shear stable viscosity index improver which imparts multigrade properties to the oils. Retains viscosity even at high temperature. Use in equipment subjected to wide variations in temperature or where precision equipment cannot tolerate changes in viscosity.

Performance Standards-Denison HF-0 HF-1 HF-2, Vickers 1-286-S M2950-S, Racine Model S, variable volume vane pump, 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 Mtrs LH-04-1 LH-06-1 LH-15-1, Commercial Hydraulics, AFNOR E48-603



HYDRAULIC OIL T. PTFE premium series high viscosity index hydraulic oil, containing superior additive treatments to combat rust, foaming and wear. Good demulsibility and high temperature stability are outstanding features of this oil. The PTFE dispersion blended during manufacturing has a dramatic effect on performance levels of the fluid, providing far better lubricity which is evident in the reduction in pump noise and the reduction in operating temperatures with other benefits such as reduced leaks and smoother control valve and solenoid operation. Available in **ISO 46 and 68** (Other Viscosity grade available on request)

HYDRAULIC OIL HVI 68T. HVI Hydraulic oils are premium series hydraulic oils containing a high shear stable viscosity index improver which imparts multi grade properties to the oil. Retains viscosity even at high temperatures. Use in equipment subjected to wide variations in temperature or where precision equipment cannot tolerate changes in viscosity. Anglomoil Hydraulic oil HVI 68T (P.T.F.E) Blends are most suited to high speed industrial applications or any large investment equipment requiring a premium performance hydraulic oil. (Other Viscosity grade available on request)

ZF (Zinc Free) HYDRAULIC OILS. Anglomoil Hydraulic ZF oils are high performance ashless anti-wear hydraulic oils developed to provide excellent performance in hydraulic systems operating under severe conditions. Anglomoil Hydraulic ZF oils are formulated with an advanced ashless anti-wear technology and select base oils to provide reduced environmental impact in case of an accidental release into the environment. Anglomoil Hydraulic ZF oils exhibit excellent anti-wear property, thermo-oxidative stability, foam control and water separation properties. Performance Standards

antiwear hydraulic fluid according to: DIN 51524, part 2 and 3 (HLP, HVLP); AFNOR NF E 48-603 (HM, HV); SIS SS 155434; VDMA 24318; Hoesch HWN 2333; Thyssen TH N-256132; CETOP RP 91 H (HM, HV); U.S. Steel 126, 127 and 136; Sperry Vickers M-2950-S and I-286-S; Denison Filterability TP 02100

compressor oil according to: DIN 51506 (VBL, VCL, VDL); ISO/DP6521 (DAA,DAB,DAH,DAG)

HYDRAULIC BIO-FR Anglomoil Hydraulic BIO-FR was designed to replace anti-wear, mineral oil based hydraulic fluids used in applications where fire hazards exist. Anglomoil Hydraulic BIO-FR can also be used in environmentally sensitive hydraulic applications without compromising the overall hydraulic system operations. This fluid does not contain water, mineral oil, or phosphate ester, and is based on high-quality, synthetic, organic esters and carefully selected additives to achieve excellent hydraulic fluid performance. Anglomoil Hydraulic BIO-FR offers the lubrication level of premium, anti-wear hydraulic oils, and can be used with hydraulic components from all major manufacturers.

SYNTHETIC FOOD GRADE HYDRAULIC OIL, NSF H1 Anglomoil SFG Hydraulic Fluids are recommended for hydraulic systems in food processing machinery. They also are recommended for bearings, chains, valves, canning and bottling machinery. SFG Hydraulic Fluids can be applied by various methods, including bath reservoir, force-feed lubricator or circulating pump.



SYNTHETIC HYDRAULIC OIL. Anglomoil Synthetic Hydraulic oils will provide a far longer service life than most mineral based lubricants. Good quality mineral oils can provide service over 1000 and sometimes up to 2000 hours but eventually oxidation of the oil necessitates shutdown, service and oil change. Anglomoil synthetic hydraulic oil has been run beyond 8000 hours and still exceed specifications.



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MACHINE OILS
HEAT TRANSFER OIL
MOULD RELEASE OIL
CIRCULATING OIL
AIRLINE LUBRICANT
CHAIN OILS

MACHINE OIL. ISO 150,220,320,460,680 (Other grades available on request)

A range of industrial gear oils containing sulphur-phosphorus extreme pressure agents. Excellent lubricity and high load carrying capacity ensure long gear life. Non-corrosive and especially effective in worm reduction gear boxes. Performance: US Steel 224: AGMA 250.04: David Brown Gear ET 33/80: Timken OK Load 29 kg: FZG Pass load stage 12.

MACHINE OIL WT. ISO 220,320 & 460

Is a range of water tolerant industrial gear oil that has been formulated from the best available mineral base oils and additives to mix with water when gearbox is contaminated. Superior emulsification properties ,excellent antiwear properties, rapid air release, oxidation stability and superior filterability combine to give a great result.

INDSYN SYNTHETIC GEAR OILS. ISO 220,320,460,680

Anglomoil Indsyn Synthetic Gear Fluids are made from synthetic hydrocarbon PAO and special additive packages which make them ideal for use in gear sets, bearings, circulating oil systems and chain applications. The heavier viscosity grade provides excellent service in worm gear units.

GEAR-M. ISO 220,320,680

A range of gear oils formulated for use in extreme applications. Fortified with EP enhancing Molybdenum Disulphide, Machine-M gear oils provide excellent protection to gear sets working under very high loads.

INDSYN EP . ISO 150,220,320,460,680

Anglomoil Indsyn EP gear oils are designed specially for industrial gear reduction units. Manufactured entirely from synthetic poly alpha olefin base oils incorporating advanced additive technology. Recommended for service in steel making industry, pulp and paper mills and wind turbines. Indsyn EP offers an extremely high level of micro-pitting protection, proven by FVA54 and FE8 tests, is low sludging, has excellent foam control, ashless and demulsible. Indsyn EP is fully compatible with other PAO lubricants, mineral oils and most sealing materials (excluding natural rubbers) Not recommended for worm gears.

SYNTHETIC FOOD GRADE GEAR OIL. ISO 220,320,460,680

Recommended for gear sets, bearings, circulating oil systems & chain applications in food processing machinery. The heavier viscosity grade provides excellent service in worm gear units. SFG Gear Fluids offer a long service life.



HEAT TRANSFER OIL

Anglomoil Heat Transfer Oil is blended from high quality mineral base oils fortified with an advanced additive system. This combination of materials provides superior performance in indirect closed heat transfer systems. Anglomoil Heat Transfer Oil is suitable for use in high temperature continuous heat transfer equipment up to a maximum bulk oil temperature of 290 degrees C

MOULD RELEASE OIL

Anglomoil Mould Release Oil has been specially formulated to ensure clean concrete release from steel, aluminum, plywood or composite forms. It minimises surface irregularities , reduces voids and helps protect forms and formwork from rust.

CIRC OIL ISO 150 & 460

Circoil is a premium circulating bearing oil developed to the Morgoil and Demag specifications for use in bearing circulating systems where there is extreme water contamination present.

AIR LINE LUBRICANT ISO 22

Air line lubricant is designed to lubricate and cool pneumatic tools and equipment. Air line lubricant contains demulsifying agents which increase its ability to separate from water. In addition Rust Preventatives provide additional protection against the damaging effects of moist air.

HIGH TEMPERATURE OVEN CHAIN LUBRICANT.

Anglomoil High Temperature Oven Chain Lubricant is a high performance, high temperature fluid designed specifically for use in aggressive environments such as drying or continuous industrial process ovens. Anglomoil High Temperature Oven Chain Lubricant has high thermal stability, as evidenced by its high flash point, and is manufactured using the ester-of-choice for high temperature applications. Its low carbon forming tendencies will reduce deposits & increase chain cleaning intervals.

CHAIN OIL.

Premium mineral oils for all chains including chains and bars of power chain saws. Additive system protects the chain, bar and sprockets from wear and its tacky nature reduces fling-off from the chain. Rust inhibited. Recommended for conveyer system chains and bars and chains of high performance professional power chain saws. Suitable for use in most lubrication systems.



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COMPRESSOR S/R OIL.

ISO 46, 68 and 100

The Compressor S/R series is a range of mineral based compressor lubricants that have been developed to meet the demands of modern rotary screw as well as reciprocating compressors. Specially formulated to provide excellent thermal and oxidation stability, anticorrosion, anti-wear, superior demulsibility and anti-foam performance. The compressor S/R Series have a service life of up to 3000 hours and meet the requirements of major compressor manufacturers including Atlas Copco, Baur, Champion , Compair/Broomwade, Ingersoll-Rand, Kaeser and Sullair.

SYNTHETIC ROTARY COMPRESSOR OIL.

ISO 46 and 68

Anglomoil Compressor fluids are made from synthetic hydrocarbon PAO and special additive packages which make them ideal for lubricating rotary compressors. Lubricant life of 8000 hours and up to 12000 hours.

SYNTHETIC FOOD GRADE COMPRESSOR OIL.

ISO 32, 46 and 68

Ideal for use in rotary compressors where contamination may occur from contact with oil in the discharge air or through seal leakage. Can provide a long service life. This means lower maintenance costs and fewer disruptions to production schedules.



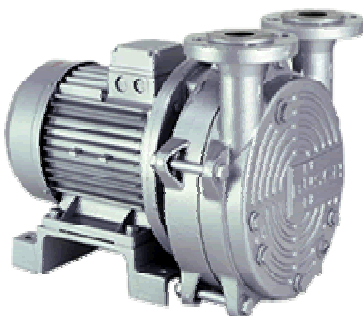
COMPRESSOR H/R OIL.

ISO 100 and 150 (SAE 30 and 40)

Compressor HR is a mineral based ashless, anti-wear , Zinc free compressor oil specifically designed for reciprocating and hydrovane compressors. The Anglomoil Compressor HR range of oils has excellent anti-wear characteristics, oxidation stability, excellent air and water separation properties and guaranteed longer oil life.

VACUUM PUMP, VAC 30., ISO 100.

Anglomoil Vacuum Pump Oil is designed specifically for the reciprocating and rotary type pumps and meets the special requirements necessary for effective operation and long life. The primary requirements of the oil are high resistance to oxidation, wear protection, the correct viscosity, a low vapor pressure and protection of the pump against corrosion.



PRO-LON P.T.F.E Compressor and Vacuum Pump Lubricants

A premium 8000 Hour full synthetic oil. Pro-lon is a premium quality PAO synthetic base oil blended with the latest ester and polymer technology . The key benefits include cooler, smoother, and quieter operation and extended service life. Cost savings in power consumption , internal filters and servicing. ISO 46,68

WERE YOU AWARE

Anglomoil has been making lubricants for industrial machinery in Australia and Asia Since the early 1980's with oil industry experience back to 1955.. so we know a lot about oils and the people using them.

In our industry, you don't last if you don't perform so we work very hard to bring the most up to date lubrication technology to you and we back it up with the service you demand.



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**CUTTING OILS
SLIDWAY OIL
DW FLUID
FORMING OIL
ANTI BACTERICIDES & FUNGI-**

METAL WORKING OILS

Soluble Cutting Oil

Anglomoil Soluble Cutting Oil is formulated from solvent refined mineral oil and specialized additives to form a stable emulsion for general cutting and grinding. For overall performance *Soluble Cutting Oil* contains emulsifiers, corrosion inhibitors, and lubricants. It can be used on a range of metal types inclusive of yellow metals. It contains a very effective biocide package which protects the in-use emulsion from both bacteria and fungus.

Soluble Cutting Oil has been formulated to provide a mild level of Extreme Pressure protection, extending its application range and further extending tool life.

Soluble Cutting Oil provides excellent emulsion stability in hard water up to 400ppm (expressed as calcium carbonate).

Soluble Cutting Oil EP

Soluble Cutting Oil EP is a heavy duty, high EP, soluble oil which forms a highly stable, semi translucent emulsion when mixed with water. *Soluble Cutting Oil EP* is formulated from solvent refined mineral oil and specialized, high performance extreme pressure (EP) additives. For overall performance, *Soluble Cutting Oil EP* contains emulsifiers, corrosion inhibitors, and extreme pressure lubricants. It can be used on a range of metal types inclusive of yellow metals. It contains a very effective biocide package which protects the in-use emulsion from both bacteria and fungus. *Soluble Cutting Oil EP* provides excellent emulsion stability in hard water up to 400ppm (expressed as calcium carbonate).

Straight Cutting Oil & Straight Cutting Oil HD

Anglomoil Straight Cutting Oil is a high performance, medium duty, non staining neat oil based on solvent refined mineral oils and specialised functional chemistry. For overall performance straight cutting oil contains corrosion inhibitors and extreme pressure lubricants. It can be used on a range of metal types inclusive of yellow metals. It also contains polymeric Chemistry to minimize misting. **Straight Cutting Oil HD** is a heavy duty version suited to deep hole drilling & metal drawing operations, pressing, ETC.

Semi-Synthetic EP

Semi –Synthetic EP is a heavy duty, high EP, Semi Synthetic Cutting Fluid which forms a highly stable, clear micro emulsion when mixed with water. It has excellent wetting and cooling characteristics, maximizes tool life and provides an excellent surface finish. It contains a fungicide and biocide spoilage and odours in use.

Slideway Oil

Available in ISO 32, 68 & 220

Anglomoil Slideway Oil series are high performance slideway lubricants based on solvent refined mineral oils. They are recommended for both vertical and horizontal slideways where high quality demulsifying slideway lubricants are required. They can be used for both metal and plastic slideways.

Anglomoil Slideway oils contains **PTFE** which enhances the fluids **load carrying** capacity providing for a **quieter operation, reduced friction** and **less wear**

DW Fluid

DW Fluid is a solvent based corrosion preventative with excellent moisture displacement properties, provides excellent penetration to free rusted, frozen or stuck parts, protects metal surfaces from moisture and corrosive elements by providing a protective coating, leaves a thin protective coating for protection in storage it also resists contamination from both acidic and alkali sources

Forming Oil

Forming Oil consists predominantly of C11-C12 paraffins and naphthenes. Deep hydrogenation gives this solvent a very low aromatic content, negligible amount of reactive impurities a low, sweet odour.

Contram CB –1

Contram CB–1 is a Low alkaline concentrated metalworking fluid system cleaner designed for use during the process of fluid disposal & re-charge. The product is a combination of bactericides and fungicides with alkaline builders, surfactants & surface –active agents that will provide a complete package for cleaning & disinfecting.

Further details on all metal working products can be obtained by phoning our office on the numbers listed below, or by visiting our website at www.anglomoil.com where you will find all Technical Data Sheets as well as MSDS.



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CALCIUM SULPHONATES have long been used effectively in automotive and marine engine oils to neutralise strong acids, disperse harmful deposits and to provide detergency and rust protection. Its use in greases is a comparatively recent and rapidly expanding development. In most greases, the thickener is responsible for carrying the oil to the point of lubrication. The oil is then squeezed out under the pressure of the contact and provides the necessary lubrication. Calcium Sulphonate greases behave differently. Calcium Sulphonate is broken down and provides an increase in the lubricating film thickness, greater than that of the oil base alone. Calcium Sulphonate platelets can bond horizontally to metal surfaces, forming a fish scale like coating. This provides ample shear planes which provide load carrying protection. No additives are required. Calcium Sulphonate greases don't require heavy metals, chlorine or other EP additives. Those properties are inherent in the Calcium Sulphonate structure.

IMPACTOR GREASE. A No. 1.5 NLGI grease with calcium sulphonate base and part synthetic base oils. Contains molybdenum disulphide and graphite to enhance the load carrying properties of the calcium sulphonate soap, especially at high temperature.

Calcium sulphonate greases are noted for very high drop point—300°C for Impactor, and for extreme resistance to water penetration and corrosion. Use in rock hammer joints, bushes, spring shackles, universal and CV joints, sliding links and pivots, etc., especially when wet conditions present special problems. Suitable for wheel bearings of off-highway equipment.

UNIPLEX GREASE. A No.1 & 2 NLGI grease with calcium sulphonate complex soap base. High load carrying capacity, excellent resistance to water and corrosion. Drop point of 300°C and a maximum working temperature up to 150°C. Use in automotive, mining and industrial applications where loads, temperature and water contamination are severe. Most suitable for wheel bearings, rolling contact bearings, ball joints, splines. (Also Available in NLGI 1)

G-2163 GREASE.

A No.2 NLGI marine service and industrial grease built upon calcium sulphonate complex base and high viscosity base oil. G-2163 is the ideal lubricant for severe industrial applications, eg pulp mills, steel mills and as a marine deck grease. Working temperature up to 150°C and a high load capacity. Use in mining, marine and severe industrial applications for extreme conditions of load, corrosion, heat and water contamination.

EPO GREASE Is a NLGI 0 Lithium 12 hydroxy lubricating grease formulated with the highest quality base oils available, and is fortified with rust and oxidation inhibitors as well as extreme pressure additives.

WIRE ROPE LUBRICANT WRL is a high viscosity, high temperature, wire rope-cable lubricant which provides protection against corrosion and wear.

Robotic 00 Anglomoil Robotik Grease is a technically superior lubricant, combining the properties of calcium sulphonate, synthetic base oils and enhanced by the low friction characteristics of PTFE (polytetrafluorethylene).

FOOD MACHINERY GREASE.

Anglomoil Food Machinery grease is a high performance grease utilising a pharmaceutical base oil and a complex calcium sulphonate thickener. The Calcium Sulphonate used in Anglomoils Food Machinery Grease is a part of the grease, and plays an Important role in the lubrication process, enhancing the load carrying, water resistance and anti-corrosion properties. NLGI No. 2

FOOD MACHINERY GREASE HEAVY DUTY.

Anglomoil food Machinery Grease Heavy Duty is a full synthetic grease containing a high viscosity poly alpha olefin base oil and is designed for heavy industrial use and high temperatures. NLGI No.2

ANGLOMOIL CALCIUM SULPHONATE GREASE COMPATIBILITY CHART	
ALUMINIUM COMPLEX	Incompatible
CALCIUM COMPLEX	Compatible
CLAY- BENTONITE	Incompatible
LITHIUM COMPLEX	Compatible
LITHIUM HYDROXY – 12	Compatible
POLYUREA	Incompatible





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