

ROCOL[®]

MOLYBOND[®]
Specialised Lubricants

Bearing & Open Gear Greases

Premium High Performance Greases Built To Outperform In All Industries

Performance you can trust



Bearing Greases



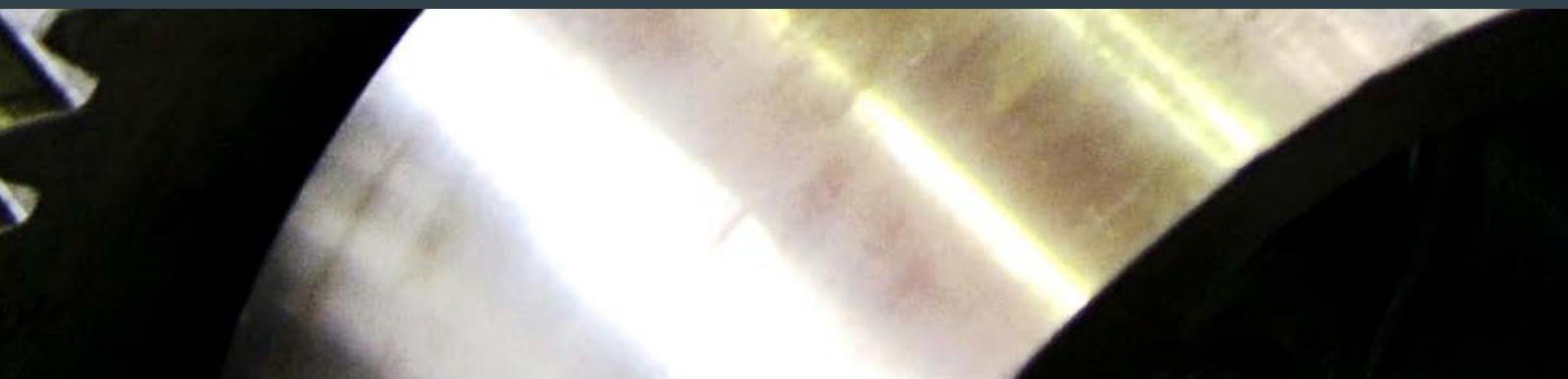
In today's competitive world where plant and equipment must work longer and harder than ever before, availability and reliability are critical. ROCOL SAPPHIRE, ROCOL FOODLUBE and MOLYBOND OPAL specialised bearing greases have been developed to suit Australian conditions and to exceed the requirements of the world's major equipment manufacturers.

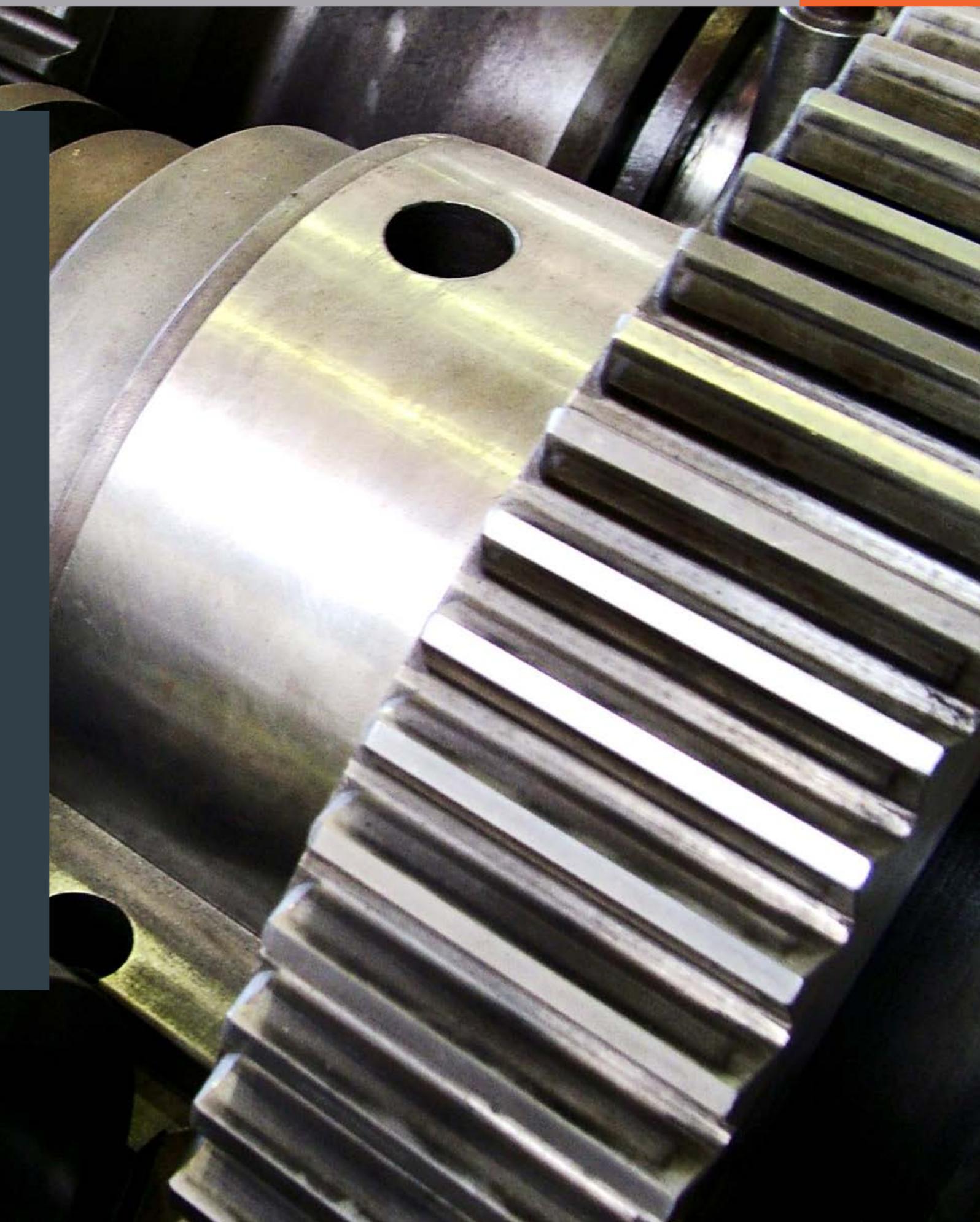
The ROCOL SAPPHIRE grease range was developed to significantly reduce the frequency of lubrication and offer cost savings through reduced consumption over a wide range of applications, whilst still providing the benefits of reduced wear, wide temperature range and good chemical, water and load resistance.

The ROCOL FOODLUBE range helps to improve cleanliness and efficiency while significantly reducing costs and downtime. Safety in the food industry is one of the primary issues faced today. Minimising risk and ensuring maximum safety are paramount; and lubrication is a key factor, ROCOL FOODLUBE products are easily identified by the distinctive blue band which helps ensure the correct product is used.

The MOLYBOND OPAL grease range is fortified with molybdenum disulphide, a lubricating solid that offers exceptional performance in highly loaded, shock loaded and high wear applications, whilst also extending lubrication intervals to provide cost savings.

With over 50 years in Australian industry, experience has shown that the use of ROCOL SAPPHIRE, ROCOL FOODLUBE and MOLYBOND OPAL specialised bearing greases result in reduced wear, prolonged plant and equipment life, increased service intervals as well as lower power and lubricant consumption, which all add up to reduced maintenance and replacement costs.







Molybond Opal Hi-Load

A superior lithium based bearing grease containing molybdenum disulphide for applications where a high quality multi-purpose grease is required.

This NLGI #2 grease is formulated to provide excellent load carrying, superior wear protection and exceptional resistance to water washout. It is suitable where rationalisation to one product is desired for both anti-friction and plain bearings.

MPI Approved C13 (Fish Game Meat)



Opal Hi-Load	RK353857	450g
	RK353887	20kg

Rocol Sapphire Ultraplex

A general purpose bearing grease used for complete plant lubrication in wet, dusty and harsh environments.

This lithium complex NLGI #2 grease is suitable for use in applications such as electric motors, conveyor rollers and pump bearings.

MPI Approved C13 (Fish Game Meat)



Sapphire Ultraplex	RY424851	450g
	RY424853	2.5kg
	RY424854	20kg

Rocol Sapphire Hi-Temp

This NLGI #2 grease is designed to effectively lubricate ball, roller and plain bearings operating at high temperatures. Because it is a synthetic hydrocarbon based grease, it will not carbonise at elevated temperatures, therefore keeping the bearing free of abrasive residue.

Excellent for overhead conveyor bearings on powder coating lines. Suitable for highly loaded or corrosive environments with a wide temperature range of -40°C to +200°C.

MPI Approved C11 (Fish Game Meat) and Dairy Industry, Food Areas (No Contact).



Sapphire Hi-Temp	RY424001	400g
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Rocol Sapphire Silicone (MX22)

A clear silicone based, non-melting NLGI #3 grease, suitable for long term lubrication at extreme temperatures. Highly resistant to chemicals, oils and gases and suitable as an electrical insulating or filling compound.

Ideal for rubber seals and 'o' rings and on tapware for potable water. It will not affect most plastics or rubbers and offers excellent high temperature resistance. Also suitable for low speed bearings.

NSF H1 Registered

MPI Approved C15 (Fish Game Meat)



Sapphire Silicone	RY421515	120g
	RY421510	500g
	RY421520	2.5kg



Bearing Greases

Rocol Sapphire Aqua

A modified lithium sterate based NLGI #2 long life, water resistant bearing grease. Designed for the effective lubrication and protection of plant and equipment exposed to wet conditions.

This product is ideal for ball and roller or plain bearings found in water pumps, washeries, boat winches and boat trailer wheel bearings exposed to either salt or fresh water.

MPI Approved C11 (Fish Game Meat)



Sapphire Aqua	RY424031	450g
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Rocol Foodlube

A synthetic hydrocarbon based grease thickened with aluminium complex soap to NLGI #2, containing both solid lubricants and chemical (EP) additives for improved load carrying, anti-wear and water washout properties.

This white tenacious, non-toxic bearing grease is designed for the effective lubrication and protection of ball, roller and plain bearings operating in food and other clean industries.

Rocol Sapphire Foodlube has a wide temperature range of -50°C to 160°C.

Also available as NLGI # 00.

NSF H1 Registered

MPI Approved C15 (Fish Game Meat)



Foodlube 00	RY517250	400g
Foodlube 2	RY515330	400g
	RY515332	18kg



Rocol Foodlube Premier

Is a soft, white, non-toxic lubricant designed for the effective lubrication and protection of ball, roller and plain bearings, slides and bushes particularly those operating in food, pharmaceutical and other clean environments.

FOODLUBE® Premier is an excellent all round grease offering excellent water wash off, corrosion resistance and a temperature range -30°C to +180°C.

FOODLUBE® Premier has improved pumpability making it particularly suitable for applications where long pipe runs or small bore tubing has been used.

NSF H1 Registered



Foodlube Premier	RY15291	380g
	RY15294	18kg



Bearing & Open Gear Greases

Molybond Opal Pin & Bush

A tenacious, non bitumastic lithium based grease containing molybdenum disulphide and high grade graphite to enhance anti-wear characteristics.

This NLGI #1.5 heavy duty open gear and plain bearing grease is easily applied through automatic lubrication systems and leaves a transparent film which allows for easy gear inspection.

Its exceptional load carrying, water wash out resistance and adhesive properties make it ideal as a one off product on mining and earthmoving equipment.



Opal Pin & Bush	RL355957 RL355987	450g 20kg
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Molybond Opal Tufgear

A heavy duty clay based flexible open gear grease containing molybdenum disulphide, offering exceptional load carrying and wear resistance.

This NLGI #2 grease is ideal for dockyard, mobile or overhead cranes and can be applied by spatula or from a convenient jumbo sized cartridge.

It has excellent resistance to many chemicals which makes it effective for lubricating open gears found in tanneries or similar industries.



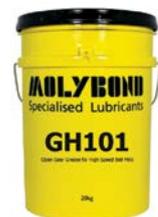
Opal Tufgear	RY460610 RY460621	900g 20kg
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Ancillary Products

Molybond GH101

A heavy duty lithium hydroxy stearate open gear grease containing molybdenum disulphide and a blend of additives to enhance anti-wear and overall load carrying characteristics.

This product is suitable for use on high speed ball mill gears, sugar mill gears and winch gears and can be applied manually or through automatic lubrication systems.



GH101	RL353587	20kg
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Rocol Open Gear Spray

An open gear compound containing molybdenum disulphide in a convenient aerosol spray can.

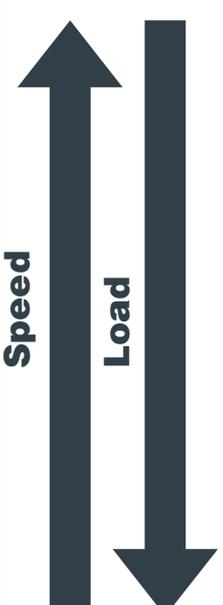
Ideal for areas that are hard to grease by normal methods. It produces a semi-hard film that will not throw off and is suitable for use in wet, dry and dusty environments.



Open Gear Spray	RY462402	300g
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Bearing & Open Gear Greases

► Selection Guide

COLOUR & NAME	OPAL TUFGEAR	OPAL PIN & BUSH	OPAL HI-LOAD	SAPPHIRE ULTRAPLEX
Consistency (NLGI CLASS)	2	1½	2	2
Thickeners	Clay	Lithium	Lithium	Lithium Complex
Base Oil	Mineral	Mineral	Mineral	Mineral
Operating Temperature	-5°C to 100°C	-10°C to 150°C	-30°C to 180°C	-30°C to 180°C
Water Resistance	Excellent	Good	Excellent	Good
Load Carrying Capacity (4 Ball Weld Load - kg)	800 kg	800 kg	550 kg	400 kg
Food Approval	No	No	No	No
Foodgrade & MPI Approval	Not Applicable	Not Applicable	MPI C13	MPI C13
Applications 				
	Electric Motors Pump Bearings Conveyors Pin & Bushes Earth Moving Open Gears			
PACK SIZES	900g 20kg	450g 20kg 180kg	450g 20kg 180kg	450g 2.5kg 20kg 180kg

	SAPPHIRE HI-TEMP	SAPPHIRE AQUA	SAPPHIRE SILICONE	FOODLUBE	FOODLUBE PREMIER
	2	2	3	2, 00	1
	Lithium Complex	Modified Lithium Stearate	Silica	Aluminium Complex	Lithium Complex
	Synthetic	Mineral	Synthetic	Synthetic	Synthetic
	-40°C to 200°C	-30°C to 180°C	-40°C to 260°C	-50°C to 160°C	-30°C to 180°C
	Good	Excellent	Excellent	Good	Excellent
	200 kg	400 kg	Not Applicable	400 - 620 kg	315 kg
	No	No	Yes	Yes	Yes
	MPI C11	MPI C11	NSF H1 MPI C15	NSF H1 MPI C15	NSF H1 MPI C15
			Suitable for 'O' rings, polymeric bearings, slides and is excellent for bearings exposed to chemicals		
	400g	450g	120g	400g	380g
			500g 2.5kg	18kg	18kg

Grease Compatibility Chart

Technically, grease consists of mineral oil or synthetic base fluid which has been thickened by the addition of either soap, i.e. lithium, lithium complex, calcium etc, or an inert powder such as clay or silica. Not all grease thickening systems are compatible and therefore not all greases can be mixed. The following table indicates which type of greases are compatible and can be used together and which types are incompatible and therefore must not be mixed.

Compatibility With	Calcium	Calcium Complex	Calcium Hydroxys-tearate	Aluminium Complex	Lithium	Lithium Complex	Clay	Polymer	Polyurea	Sodium
Calcium	C	I	C	I	B	C	C	C	I	I
Calcium Complex	I	C	B	I	I	B	I	C	C	I
Aluminium Complex	I	I	C	C	I	C	I	C	I	I
Lithium	B	I	C	I	C	C	I	C	I	I
Lithium Complex	C	B	C	C	C	C	I	C	I	I
Clay	C	I	C	I	I	I	C	C	I	I
Polymer	C	C	C	C	C	C	C	C	C	C
Sodium	I	I	I	I	I	C	I	C	I	C

Note: Additives may give rise to incompatibility between greases that are normally compatible

C - Compatible I - Incompatible B - Borderline

Precautions

Wherever possible re-lubricate with grease containing the same thickening system. Otherwise select a grease type which is compatible with the existing grease. Thickeners of different fibrous structures may lead to premature bearing/equipment damage.

It is recommended that when a grease is being replaced by a different grease type, the bearings and grease ways are cleaned and repacked. If it is not possible to clean the bearings, the following procedure should be adopted:

- ▶ Re-lubrication must be carried out at more frequent intervals until the new grease has completely supplemented the old.
- ▶ As a guide, halve the normal interval between re-lubrication for the next 3 to 4 applications



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