

Product Code & Pack Size Ordering Information

Power Transmission Product	500 mL	5 L	20 L	205 L	Aerosol	20 kg
Rocol Bakers Mate HT			RY446320			
Rocol Bakers Mate			RY446311			
Rocol Chain & Drive Spray					RY442352	
Rocol Hi-Temp Synthetic Chain Lube		RG203055	RG203089	RG203096		
Rocol White Chain & Drive Spray					RY442330	
Rocol Food Safe Chain Lube			RY443934	RY443935		
Molybond Dry Film Lubricant (122L)	RP500974				RN500912	
Molybond Dry Film Rope & Chain Lube			RG503089			
Molybond Rope & Chain Oil (RCO)			RG202589	RG202596		
Rocol Wire Rope Spray					RY452412	
Rocol Wire Rope Grease (RD105)						RY453291
Rocol Fluid Wire Rope Grease (RD205)			RY453321			
Molybond Ropeguard 50			RF203989	RF203996		
Molybond Guide Rope Grease						RF203087
Molybond Pumpable Guide Rope Grease						RF204287
Molybond Molygear 150		RC204155	RC204189			
Molybond Molygear 220		RC204255	RC204289	RC204296		
Molybond Molygear 320			RC204389	RC204396		
Molybond Molygear 460			RC204489	RC204496		
Molybond Molygear 680			RC204589	RC204596		
Molybond Molygear 1500			RC204689	RC204696		
Molybond Molygear Seal Light		RJ220585				RJ220587
Molybond Molygear Seal Heavy						RJ220787
Molybond Molygear 80W90			RB210289			
Molybond Molygear 85W140			RB210689	RB210696		

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ROCOL®

MOLYBOND®
Specialised Lubricants

POWER TRANSMISSION LUBRICANTS

Providing High Performance Products & Maintenance Solutions for Australian & New Zealand Industries

- Chain Lubricants
- Wire Rope Lubricants
- Industrial Gear Oils
- Automotive Gear Oils

Today's manufacturing industry demands greater efficiency, higher output and savings in production costs. Plant and equipment is required to work continuously at peak production rates with fewer breakdowns and minimal lost production.

Efficient and reliable Power Transmission is vital to the effective operation of machinery. The key components for transmitting power include Chains, Ropes and Gears. Proper lubrication of such components is required to reduce wear, friction, noise and temperature. Furthermore, these components often operate in harsh environments where operating conditions such as excessive heat, water and dust exist.

With over one hundred years of experience in the lubrication industry, ITW Polymers & Fluids is able to offer a range of high performance specialised lubricants under the Rocol and Molybond brand names. These products provide superior lubrication to increase plant and equipment life, and reduce maintenance and replacement costs.

ITW Polymers and Fluids is committed to providing quality products designed to suit Australian and New Zealand operating conditions. A state of the art manufacturing facility at Wetherill Park, NSW, ensures that products are made to the highest quality and are approved to the ISO9000 Quality Standard. The extensive Research and Development facilities are active in developing unique products to suit customers' requirements. Additionally, as a part of the ITW global network, ITW Polymers & Fluids has access to the latest advances in lubricant technology.

For long term protection of your equipment enquire about a Rocol or Molybond Power Transmission lubricant today. Toll Free 1800 063 511.



Gear Oils

Leak Retardant Gear Oils

Molybond Specialised Lubricants offer unique gear oils which have adhesive properties and additives that retard the flow of lubricant from worn or inadequate shaft and gearcase seals.

- ü Molybond "Molygear Seal" Gear Oils are suitable for industrial gear boxes found in mining, mineral processing and manufacturing industries.
- ü Molybond "Molygear Seal" Gear Oils are suitable for use in gear cases with Duo-cone mechanical seals (Cat Seals) where high peripheral speeds may present sealing problems for conventional gear lubricants.
- ü Molybond "Molygear Seal" Gear Oils are ideal for use in oil filled bearing housings which are prone to seal failures, such as oil filled bearings fitted to trucks, tractors and other equipment.
- ü Molybond "Molygear Seal" Gear Oils come in two convenient grades, Heavy (460cst) or Light (220 cst).

Molybond Molygear Seal Light (220)
Pack Size

- 5 L (Part No: RJ220585)
- 20 kg (Part No: RJ220587)

Molybond Molygear Seal Heavy (460)
Pack Size

- 20 kg (Part No: RJ220787)

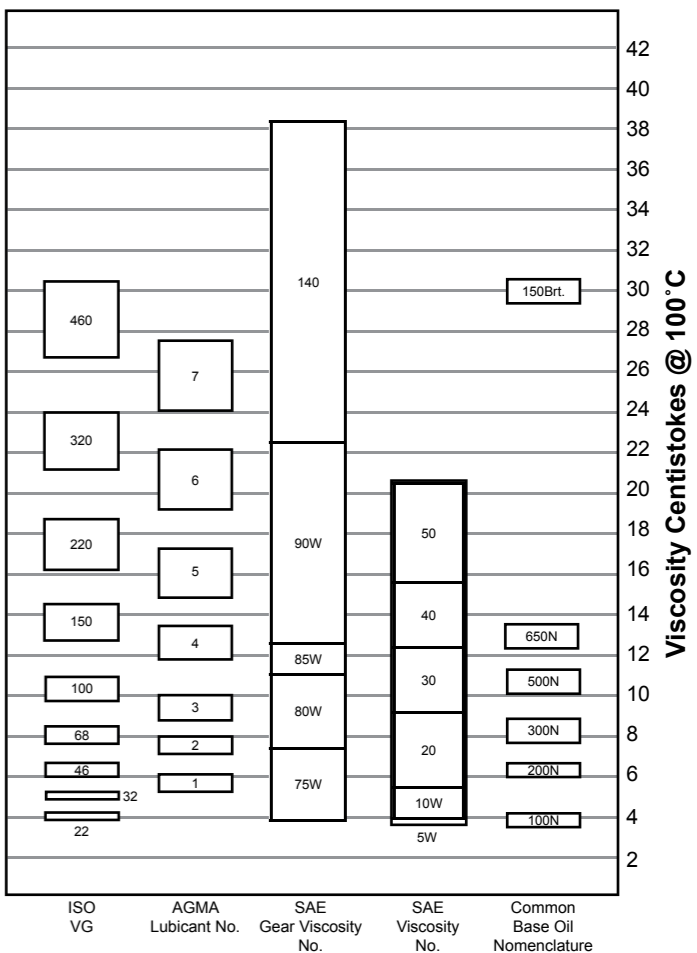


Technical Support

ITW Polymers & Fluids provides a range of Technical Support Services including Gear Oil Analysis, On-site Inspections and Plant Surveys, to ensure maximum performance of both lubricant and equipment, which in turn leads to minimal breakdowns and lost production.

ITW Polymers & Fluids superior level of technical support will ensure maximum return from your valuable assets.

Comparative Oil Viscosity Classifications



Gear Oils

Molybond Industrial Gear Oils

Molybond Specialised Lubricants offer a range of high performance industrial gear oils containing Molybdenum Disulphide. These gear oils are suitable for industrial gear boxes found in mining, mineral processing and manufacturing industries.

- Molybond Industrial Gear Oils have a high load carrying capacity, enabling them to provide excellent lubrication to heavily loaded gear boxes.
- Molybond Industrial Gear Oils also reduce friction and wear effectively. As a result, lower running temperature and extended gear life may be achieved.
- Molybond Industrial Gear Oils meet the most stringent international requirements of industrial gear oils, including U.S. Steel 224, Cincinnati Milacron, AGMA 250.4, AGMA 251.02, DIN51517 Part 3 specifications.

	Pack Size
Molybond Molygear 150 (150 cst)	• 5 L (Part No: RC204155) • 20 L (Part No: RC204189)
Molybond Molygear 220 (220 cst)	• 5 L (Part No: RC204255) • 20 L (Part No: RC204289) • 205 L (Part No: RC204296)
Molybond Molygear 320 (320 cst)	• 20 L (Part No: RC204389) • 205 L (Part No: RC204396)
Molybond Molygear 460 (460 cst)	• 20 L (Part No: RC204489) • 205 L (Part No: RC204496)
Molybond Molygear 680 (680 cst)	• 20 L (Part No: RC204589) • 205 L (Part No: RC204596)
Molybond Molygear 1500 (1500 cst)	• 20 L (Part No: RC204689) • 205 L (Part No: RC204696)



Molybond Automotive Gear Oils

Molybond Specialised Lubricants offer a range of high performance automotive gear oils containing Molybdenum Disulphide. These gear oils are designed to have high thermal stability. Suitable for gear boxes, transfer cases and differentials found in mobile equipment, where high power output per unit of weight and relatively poor heat dissipation are common characteristics.

- Molybond Automotive Gear Oils reduce friction and wear effectively. As a result, lower running temperature and extended gear life may be achieved.
- Molybond Automotive Gear Oils meet the most stringent international requirements including API GL4, GL5, GL6; Mack GOG, GOH; MIL-L-2105D specifications.

Molybond Molygear 80W90
Pack Size
• 20 L (Part No: RB210289)

Molybond Molygear 85W140
Pack Size
• 20 L (Part No: RB210689)
• 205 L (Part No: RB210696)



Chain Lubricants

Rocol Chain & Drive Spray

A high quality chain oil containing molybdenum disulphide that swiftly penetrates into pins and bushes to ensure minimum wear of chains and sprockets.

Rocol Chain & Drive Spray dries to a water resistant film that will not drip or throw off, providing corrosion protection in wet environments. The aerosol pack allows easy application even to moving chains.

Areas of Application

- Drive chains
- Steering chains
- Conveyor chains
- Hoist chains
- Forklift chains
- Wire ropes

NZFSA Approved C12 (All animal product except dairy). NZ AgriQuality Approved.

Pack Size

- 300 g (Part No: RY442352)



Molybond Rope & Chain Oil (RCO)

An adhesive mineral oil based lubricant that contains molybdenum disulphide with a blend of additives and tackifiers to provide maximum life to chains, sprockets and wire ropes. Can be applied to moving chains with minimal risk of throw off or dripping.

Molybond Rope & Chain Oil (RCO) is ideal for a variety of chain and rope applications. The water resistant film provides corrosion protection in wet environments.

Areas of Application

- Drive chains
- Wire ropes
- Conveyor chains
- Hoist chains
- Forklift chains
- Motorbike chains

Pack Size

- 20 L (Part No: RG202589)
- 205 L (Part No: RG202596)



Rocol White Chain & Drive Spray

A non-toxic white chain lubricant based on food grade paraffin oil combined with PTFE. Provides a tough, tacky thin film which ensures minimum wear of chains and sprockets without risk of contamination.

Rocol White Chain & Drive Spray is used on conveyor and drive chains operating in the food and clean industries. Will extend chain life and resist water-wash off.

Areas of Application

- Conveyor and drive chains
- Hoist chains
- Forklift chains

NZFSA Approved C12 (All animal product except dairy). NZ AgriQuality Approved.

Pack Size

- 250 g (Part No: RY442330)



Chain Lubricants

Rocol Food Safe Chain Lube

A water resistant, non-toxic lubricant for the lubrication of chains and associated bearings in food and clean environments. Penetrates rapidly into pins and bushes and resists water wash off during cleaning operations.

Rocol Food Safe Chain Lube will withstand high loads and provide corrosion protection.

Areas of Application

- Chains operating in food industries
- Overhead conveyor chains in abattoirs

NZFSA Approved C11 (All animal product except dairy). NZ AgriQuality Approved.

Pack Size

- 20 L (Part No: RY443934)
- 205 L (Part No: RY443935)



Rocol Bakers Mate & Rocol Bakers Mate HT

Bakers Mate HT is a non-toxic, high-grade graphite water based lubricant containing wetting agents and synthetic polymers. Designed for bakery oven chains and other high temperature applications. Provides dry film lubrication up to 600°C.

Rocol Bakers Mate HT can be applied while the chain is still warm (up to 120°C).

Rocol Bakers Mate is formulated from high grade graphite in water containing dispersing and binding agents. Bakers Mate can be diluted and applied leaving a dry film lubricant suitable for lubrication of oven chains

Areas of Application

- Bakery oven chains
- High Temperature chains in dusty environments

NZ AgriQuality Approved.

Pack Size

- 20 L (Part No: RY446320) - Bakers Mate HT
- 20 L (Part No: RY446311) - Bakers Mate



Wire Rope Lubricants

Molybond Ropeguard 50

A high viscosity wire rope lubricant containing graphite. Designed to penetrate to the core of the rope and leave a semi-dry lubricating film on the outside which does not attract dust or abrasive particles.

The adhesive nature of Molybond Ropeguard 50 allows it to cling to fast moving ropes, such as those typically found in the mining industry.

Areas of Application

- Draglines
- Shovels

Pack Size

- 20 L (Part No: RF203989)
- 205 L (Part No: RF203996)



Molybond Guide Rope Grease

A tacky, heat and water resistant NGLI No.2 consistency grease containing graphite and other lubricating solids. Leaves a durable film which effectively seals the rope from water and contaminants.

Molybond Guide Rope Grease is suitable for high load carrying applications.

Areas of Application

- Guide ropes in mine winder shafts

Pack Size

- 20 kg (Part No: RF203087)



Molybond Pumpable Guide Rope Grease

A tacky, heat and water resistant NGLI No.1 consistency grease containing graphite and other lubricating solids. The product is suitable for use in automatic greasing systems.

Molybond Pumpable Guide Rope Grease is suitable for high load carrying applications.

Areas of Application

- Guide ropes in mine winder shafts

Pack Size

- 20 kg (Part No: RF204287)



Wire Rope Lubricants

Rocol Wire Rope Spray

A semi-fluid grease spray containing molybdenum disulphide. Designed to penetrate to the core of the wire rope, it also leaves a tough durable film, which provides protection against wear and corrosion.

Suitable for all environments including marine and mining applications.

Areas of Application

- Wire ropes
- Dockyard cranes
- Mobile cranes
- Chain lifts
- Flying foxes
- Slipways

NZFSA Approved C12 (All animal product except dairy). NZ AgriQuality Approved.

Pack Size

- 300 g (Part No: RY452412)



Rocol Hi-Temp Synthetic Chain Lube

A non-carbonising synthetic chain lubricant which provides 'wet film' lubrication at temperatures up to 280°C, resulting in significant reductions in equipment energy consumption.

Rocol Hi-Temp Synthetic Chain Lube does not contain dry solids such as graphite which may dislodge from chains and cause contamination of the product in baking ovens. Suitable also for kiln, dryer or stenter chains. Does not contain mineral oil and therefore will not form hard carbon deposits which often cause seizure of links and bearings.

Areas of Application

- Chains operating at high temperatures
- Kiln chains
- Stenter chains

NZFSA Approved C11 (All animal product except dairy). NZ AgriQuality Approved.

Pack Size

- 5 L (Part No: RG203055)
- 20 L (Part No: RG203089)
- 205 L (Part No: RG203096)

Rocol Wire Rope Grease (RD105)

A semi-fluid wire rope grease containing molybdenum disulphide. Designed for the lubrication and corrosion protection of wire ropes working under a wide range of conditions including marine environments.

Rocol Wire Rope Grease (RD105) penetrates between the strands to the core of the rope to provide complete rope lubrication.

Areas of Application

- Wire ropes
- Dockyard cranes
- Mobile cranes
- Chain lifts
- Flying foxes
- Slipways

NZFSA Approved C12 (All animal product except dairy). NZ AgriQuality Approved.

Pack Size

- 20 kg (Part No: RY453291)



Rocol Fluid Wire Rope Grease (RD205)

A fluid grease containing molybdenum disulphide. Designed for the lubrication and corrosion protection of wire ropes. A powerful dewatering additive also allows it to be applied to wet ropes.

Rocol Fluid Wire Rope Grease (RD205) is ideal for wet or marine applications where a high degree of corrosion protection is sought. Product is suitable for application by spray and automatic lubricator.

Areas of Application

- Wire ropes
- Dockyard cranes
- Mobile cranes
- Chain lifts
- Flying foxes
- Slipways

Pack Size

- 20 L (Part No: RY453321)



Rope & Chain Lubricants

Molybond Dry Film Lubricant (122L)

A dispersion of high purity molybdenum disulphide in an air curing carrier that is designed as a dry film lubricant. Will carry high loads and dries quickly to form a protective coating that will also provide a shield against corrosion.

Molybond Dry Film Lubricant (122L) is ideal for chains and ropes in industrial and mining environments, where airborne contamination prohibits the use of a wet film lubricant.

Areas of Application

- Shafts
- Splines
- Slides
- Pins and bushes
- Gears

Pack Size

- 300 g aerosol (Part No: RN500912)
- 500 mL (Part No: RP500974)



Molybond Dry Film Rope & Chain Lube

A highly efficient penetrating compound and lubricant containing molybdenum disulphide, which leaves a tack free semi-dry film after evaporation of the solvent carrier. Designed for use in dusty environments where normal oil based chain lubricants can attract contaminants. The molybdenum disulphide in the product provides excellent lubrication and high resistance to shock loading often experienced in heavy duty applications.

Molybond Dry Film Rope & Chain Lube can also be used as a pre-treatment for chains prior to installation.

Areas of Application

- Steel wire ropes
- Slings and chains
- Conveyor chains
- Hoist chains
- Forklift chains
- Motorbike chains

Pack Size

- 20 L (Part No: RG503089)





OPERATING CONDITIONS	Wire Ropes & Chains working in Industrial or Marine Environments	Wire Ropes & Chains subject to heavy loads and/or abrasive wear	Standing Wire Ropes not subject to bending	Chains operating where Incidental Contact with Food stuffs may occur	Chains subject to High Temperature Applications
TYPICAL APPLICATIONS	Cranes & Derricks working on ships or docksides, mining and construction sites	Mine Haulage, Shovels, Draglines, Blast Hole Drills	Pendant Ropes for Cranes & Excavators, Lift Guide Ropes	Food Industries, e.g. Breweries & Abattoirs	Bakeries, Refineries, Oven & Kiln Chains



LUBRICANT TYPE

OIL	Molybond Rope & Chain Oil	Molybond Ropeguard 50		Rocol Food Safe Chain Lube	Rocol Hi-Temp Synthetic Chain Lube
GREASE	Rocol Wire Rope Grease or Rocol Fluid Wire Rope Grease	Rocol Wire Rope Grease or Rocol Fluid Wire Rope Grease	Molybond Guide Rope Grease or Molybond Pumpable Guide Rope Grease		
SPRAY	Rocol Wire Rope Spray or Rocol Chain & Drive Spray or Rocol White Chain & Drive Spray			Rocol White Chain & Drive Spray	
DRY FINISH	Molybond Dry Film Rope & Chain Lube or Molybond Dry Film Lubricant Spray	Molybond Dry Film Rope & Chain Lube			Rocol Bakers Mate HT

