

ROCOL[®]

MOLYBOND[®]
Specialised Lubricants

Power Transmission Lubricants

HIGH PERFORMANCE PRODUCTS & MAINTENANCE SOLUTIONS

Performance you can trust





Power Transmission Lubricants

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 Rocol and Molybond Power Transmission Lubricants today.
NZ Toll Free: 1800 063 511**



ROCCO

CHAIN
DRIVE
Spray



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.

APPLICATIONS

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

MPI Re C12 (All animal product except dairy).



Chain & Drive Spray

RY442352

300 g

ROCOL® FOODLUBE XT Chain

ROCOL® FOODLUBE XT Chain Fluid is an NSF H1 pending, ester based, high temperature chain oil specifically formulated for the lubrication of bakery oven chains operating at temperatures up to 280°C.

FOODLUBE XT Chain Fluid is formulated from a combination of synthetic esters and a special antioxidant package which ensures the highest performance in terms of thermal stability, low evaporation loss and minimal deposit formation.

The low evaporation of FOODLUBE XT Chain Fluid gives extended re-lubrication intervals and is economical in use.

Areas of application

- Food
- Pharmaceutical
- Other clean environments



Foodlube XT Chain

RY15800

20L

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 & can be applied while the chain is still warm (up to 120°C).

Bakers Mate HT can be diluted and applied leaving a dry film lubricant suitable for lubrication of oven chains.

APPLICATIONS

Bakery oven chains, High Temperature chains in dusty environments

HACCP Certified & NZ AsureQuality Approved



Bakers Mate HT

RY446320

20 L

Chain Lubricants

Rocol White Chain & Drive Spray

A food grade, clean, non-toxic, white chain lubricant based on edible paraffin oil combined with PTFE. ROCOL® White Chain & Drive Spray provides a tough thin film that ensures minimum wear of chains and sprockets without danger of contamination.

White Chain & Drive Spray has a temperature range of -20°C to 160°C .

APPLICATIONS

All types of conveyor and drive chains

FDA Group 21 CFR 178.3750. NSF H1 Registered & HACCP Certified MPI C15 approved (all animal product except dairy). AsureQuality approved



White Chain & Drive Spray	R Y442330	250 g
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Rocol Foodsafe Chain Lube

A chain and conveyor lubricant with good load carrying and corrosion preventative properties. Suitable for the lubrication of all chains and conveyors. May be used either manually or with automatic lubrication equipment. Has a temperature range of -20°C to 120°C .

APPLICATIONS

Chains operating in food industry, overhead conveyor chains in meatworks

NSF H1 Registered & HACCP Certified MPI C11 approved (all animal product except dairy)



Foodsafe Chain Lube	R Y443934	20 L
	R Y443935	205 L



Rocol FOODLUBE® Hi-Temp Chain Lube

An ISO VG 220 grade oven chain lubricant that is capable of operating at high temperatures and is suitable for use in most food processing operations. FOODLUBE® Hi-Temp Chain Lube contains additives that optimise the performance and stability of the lubricant. At temperatures of -25° C to 280° C + it evaporates cleanly and leaves minimal residue.

APPLICATIONS

Oven chain oils for food manufacturing equipment, Baking ovens, Food processing

NSF H1 Registered & HACCP Certified Meets requirements of FDA CRF 170.3750



Hi-Temp Chain Lube	R Y100032	20 L
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Chain & Rope Lubricants

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.

APPLICATIONS

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



Rope & Chain Oil (RCO)	RG202589	20 L
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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.

APPLICATIONS

Shafts, Splines, Slides, Pins and Bushes, Gears



Dry Film Lubricant (122L)	RN500912	300 g
	RP500974	500 mL

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.

APPLICATIONS

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



Dry Film Rope & Chain Lube	RG503089	20 L
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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.

APPLICATIONS

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



Wire Rope Spray

RY452412

300 g

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.

APPLICATIONS

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

MPI Approved C11 (All animal product except dairy).



Wire Rope Grease (RD105)

RY453291

20 kg

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.

APPLICATIONS

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



Fluid Wire Rope Grease (RD205)

RY453321

20 L

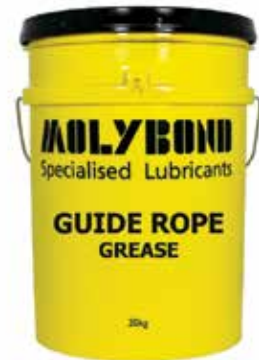
Molybond Guide Rope Grease

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.

APPLICATIONS

Guide ropes in mine winder shafts



Guide Rope Grease

RF203087

20 kg

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.

APPLICATIONS

Guide ropes in mine winder shafts



Pumpable Guide Rope Grease

RF204287

20 kg

FOODLUBE® Gear, Compressor, Airline & Hydraulic Oils

Rocol FOODLUBE® Hi-Torque Gear Oils

A range of fully synthetic gearbox fluids for use in the food and other clean industries. Contains the unique Rocol® Start Up Protection System (SUPS). SUPS is designed to protect gear teeth on start up and provide protection during use. Available in ISO VG 150, 220, 320 and 460 grades. All are formulated using FDA ingredients and have a temperature range of -20°C to 150°C.

APPLICATIONS

All gear boxes, Food manufacturing equipment, Worm drive gears, Conveyor drive gear boxes, Clean industries

FDA Group 21 CFR 178.3750.

Tested and Certified by NSF. HACCP Certified

AsureQuality & MPI C15 approved (all animal product except dairy)



FOODLUBE® Hi-Torque 150	RY154257	20L
FOODLUBE® Hi-Torque 220	RY155254	20 L
	RY155292	205 L
FOODLUBE® Hi-Torque 320	RY157654	20 L
FOODLUBE® Hi-Torque 460	RY157753	20 L



Rocol FOODLUBE® Hi Power Oils

(Compressor, Hydraulic & Airline Fluids)

A fully synthetic range of food quality fluids, uniquely suitable for use in compressor, hydraulic and airline systems.

Incorporation of the unique Low-Carry Over system provides enhanced oxidation stability in compressors. In hydraulic systems, the premium quality ensures the fluid does not generate deposits, sludge and varnish which result from fluid breakdown at high temperatures. Available in ISO VG 22, 32, 46, 68 and 100. Hi-Power Oils have a temperature range of -20°C to 100°C.

APPLICATIONS

Food manufacturing equipment, Hydraulic systems, Compressors, Airline systems

FDA Group 21 CFR 178.3750.

Tested and Certified by NSF. HACCP Certified

AsureQuality & MPI C15 approved (all animal product except dairy)



FOODLUBE® Hi-Power 22	RY157951	20 L
FOODLUBE® Hi-Power 32	RY158958	20 L
FOODLUBE® Hi-Power 46	RY159955	20 L
FOODLUBE® Hi-Power 68	RY160050	20 L
FOODLUBE® Hi-Power 100	RY159450	20 L



Molybond Industrial Gear Oils

Industrial gear oils suitable for gear boxes found in mining, mineral processing and manufacturing industries.

- Have a high load carrying capacity, enabling them to provide excellent lubrication to heavily loaded gear boxes.
- Reduce friction and wear effectively. As a result, lower running temperature and extended gear life may be achieved.
- 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



Molygear 220 (220 cst)	RC204289	20 L
Molygear 320 (320 cst)	RC204389	20 L
Molygear 680 (680 cst)	RC204589	20 L

Molybond Automotive Gear Oils

Automotive gear oils that 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.

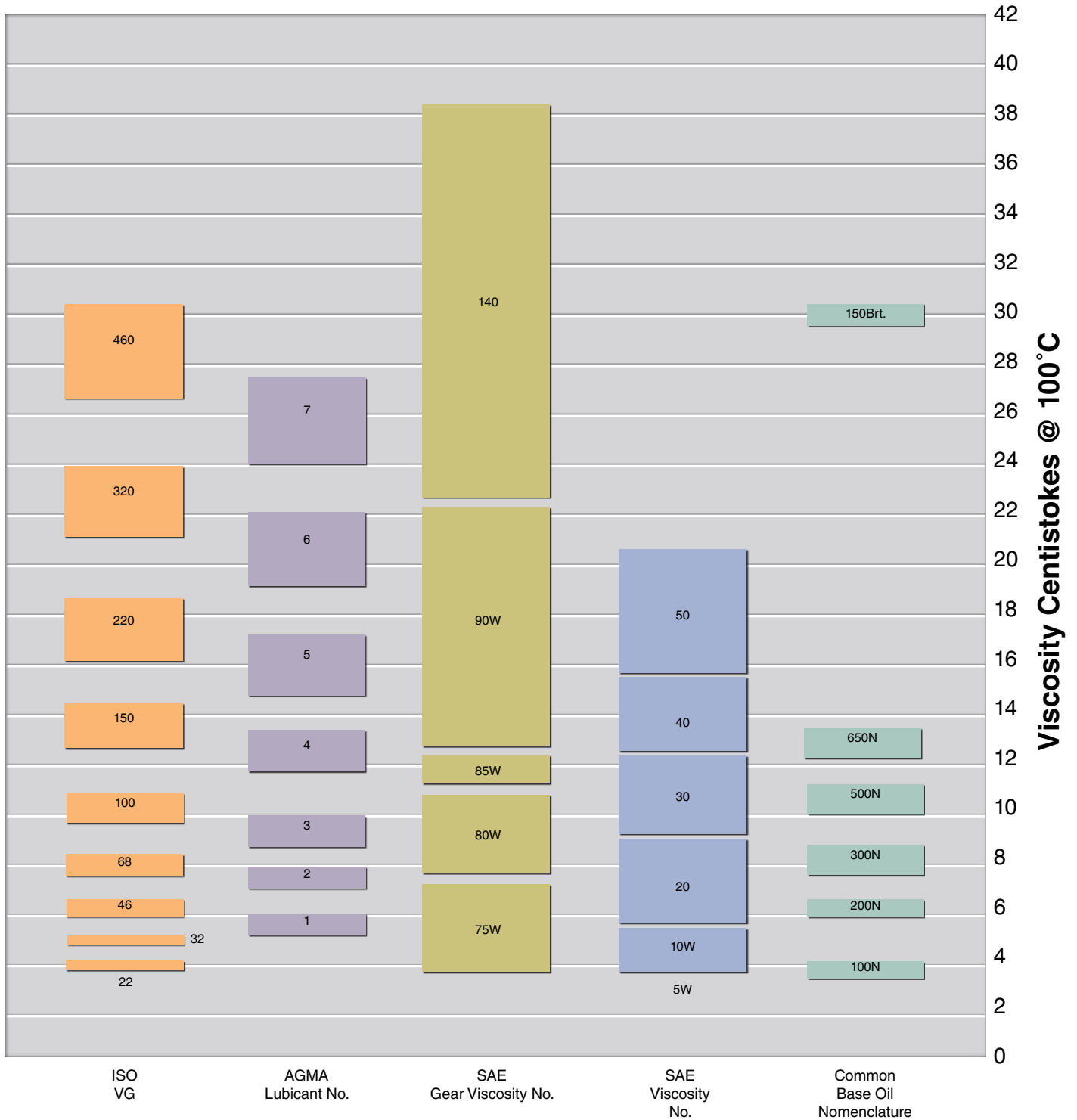
- Reduce friction and wear effectively. As a result, lower running temperature and extended gear life may be achieved
- Meet the most stringent international requirements including API GL4, GL5, GL6; Mack GOG, GOH; MIL-L-2105D specifications



Molygear 85W140	RB210696	205 L
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Viscosity Classifications

Comparative Oil Viscosity Classifications



ITW Polymers & Fluids


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.



Wire Rope & Chain Lubricants

Product Selection Chart

OPERATING CONDITIONS	Wire Ropes & Chains working in Industrial or Marine Environments	Wire Ropes & Chains subject to heavy loads and/or abrasive wear
TYPICAL APPLICATIONS	Cranes & Derricks working on ships or docksides, mining and construction sites	Mine Haulage, Shovels, Blast Hole Drills
		
LUBRICANT TYPE		
OIL	Molybond Rope & Chain Oil	Molybond Rope & Chain Oil
GREASE	Rocol Wire Rope Grease or Rocol Fluid Wire Rope Grease	Rocol Wire Rope Grease or Rocol Fluid Wire Rope Grease
SPRAY	Rocol Wire Rope Spray or Rocol Chain & Drive Spray or 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

<p>Standing Wire Ropes not subject to bending</p>	<p>Chains operating where Incidental Contact with Food stuffs may occur</p>	<p>Chains subject to High Temperature Applications</p>
<p>Pendant Ropes for Cranes & Excavators, Lift Guide Ropes</p>	<p>Food Industries, e.g. Breweries & Abbatoirs</p>	<p>Bakeries, Refineries, Oven & Kiln Chains</p>
		
	<p>Rocol Food Safe Chain Lube</p>	<p>Rocol FOODLUBE Hi-Temp</p>
<p>Molybond Guide Rope Grease or Molybond Pumpable Guide Rope Grease</p>		
	<p>Rocol White Chain & Drive Spray</p>	
		<p>Rocol Bakers Mate HT</p>



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