

Cement

*Customized Range of
Robust Lubricants for
the Cement Industry*





An innovative range of speciality lubricants tailored to the needs of the Cement Industry.

To meet the harsh demands of the cement industry, you need a lubrication partner with the expertise and in-depth knowledge required to support you throughout the manufacturing process and beyond. A partner that provides the full range of lubricants and solutions for all cement plant applications. Cement production takes place in a highly demanding environment. In no other industry are machines subjected to such massive loads, strong vibrations, and extreme temperatures.

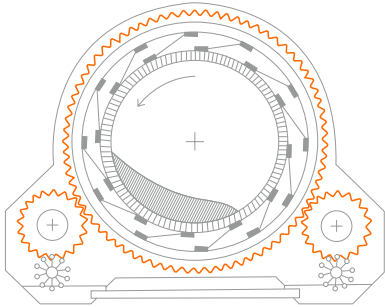
Our innovative product solutions cover all your lubrication needs. Application-specific solutions help to effectively protect your key machinery from wear, increase maintenance intervals, and prolong the life of your equipment. The result: better cost efficiency.

Our application specialists are on-site to analyze, inspect, and help to maintain your equipment. We support you in selecting the right lubricant and are with you as a partner from the changeover to routine checks, from the lubricant sampling and the set-up of lubrication systems to the optimization of lubricant quantities.

OPERATING CONDITIONS

- Excessive vibrations
- High temperature
- Heavy loads
- Water ingress
- Hot, Humid & Dusty Environments

Featured Products



Spraylube 2500

Premium sprayable open gear lubricant for Girth gear.



It is said that the Girth gear is the heart of the cement plant. Girth gear lubrication is important because it helps to reduce friction and wear on the gear teeth, prolongs the life of the gear, and improves the efficiency of the gear system. Proper lubrication can also help to keep the gear running at optimal temperatures, which can help to prevent overheating and damage to the gear.

Key Features:

- Spraylube 2500 has been specifically developed for girth gears.
- Product has a sprayable consistency.
- Contains fine solid lubricants and has an optimized thickener and additive package to prevent excessive wear under high load & heavy vibrations.

OGG 2500

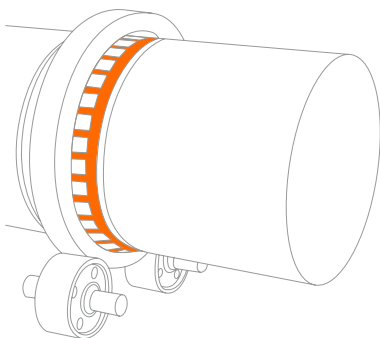
High viscosity open gear lubricant fortified with high purity solid lubricants.



OGG 2500 is a tacky open-gear lubricant specifically designed to provide a strong adhesive property that ensures that the lubricant can stay in place and provide long-lasting lubrication even in harsh operating conditions. OGG 2500 is used to lubricate gears and other moving parts in industrial machinery such as kilns, mills, and mining equipment. It is also formulated to resist the high loads and extreme temperatures that are common in these types of machinery.

Key Features:

- Ensures that the lubricant adheres well to the gear teeth and minimizes metal-to-metal contact so as to prevent friction and wear.
- Highly tacky.



Kopal®

Copper based high performance antiseize compound.



Kiln Chair Plate plays a critical role in maintaining the structural integrity of the refractory lining in cement kilns. Its design, material composition, and durability are crucial factors in ensuring the smooth and efficient operation of the kiln, ultimately contributing to the production of high-quality cement.

Molygraph's high-performance anti-seize compound KOPAL ensures a longer lifespan of the kilns and reduces the operating efficiency of the equipment.

Key Features:

- Prevents seizures at high temperatures.
- Reduces friction & wear in high-pressure sliding surfaces.

Product Selector

PROCESS	MACHINE	LUBE POINTS	FEATURES & BENEFITS	PRODUCT
Quarry / Raw material Extraction	Shovel, Dosser	Bush Pins	High-quality lubricating grease with EP and AW properties for heavy load applications.	SGH 460 PLUS
	Dumpers / Holpack	Flange Nut Bolt	Copper based high performance antiseize compound for easy dismantling & assembling during installation & maintenance.	KOPAL®
Processing Raw Material	Crusher	Gear boxes	High temperature synthetic gear oil with good AW and EP characteristics.	ULTRA GEAR SYN OILS
		Bearings	Multifunctional extreme pressure high load & water resistant grease with good shear stability.	SGH 220 PLUS
		Conveyor chain	High temperature chain oil with EP and AW properties along with paint compatibility.	STENOL® PREMIUM 220
Raw Material Preparation	Vertical Mill (Grinding)	Gear boxes	High temperature synthetic gear oil with good AW and EP characteristics.	ULTRA GEAR SYN OILS
		Bearings	Multifunctional extreme pressure high load & water resistant grease with good shear stability.	SGH 220 PLUS
Heating	Pre heating Tower	Blower Bearings	High temperature, long life polyurea grease.	PUG 9000 H
Pyroheating	Rotary Kiln	Open gears	Premium grade sprayable fluid grease for heavy duty open gear that prevents scoring, scuffing, galling, clawing, pitting, sliding and slipping.	SPRAYLUBE 2500
		Gear boxes	High temperature synthetic gear oil with good AW and EP characteristics.	ULTRA GEAR SYN OILS
		Support Rollers	A sheer stable EP fortified water resistant grease for high load application.	SG 1000 M 50
Clinker Cooling	Cooler	Bearings	Multifunctional extreme pressure high load & water resistant grease with good shear stability.	SGH 220 PLUS
		Blower Bearings	High temperature, long life polyurea grease.	PUG 9000 H
		Gear boxes	High temperature synthetic gear oil with good AW and EP characteristics.	ULTRA GEAR SYN OILS
Grinding	Roller Presses	Bearings	Multifunctional extreme pressure high load & water resistant grease with good shear stability.	SGH 220 PLUS
		Gear boxes	High temperature synthetic gear oil with good AW and EP characteristics.	ULTRA GEAR SYN OILS
Silos / Packaging / Loading	Silos / Packaging / Loading	Blower Bearings	High temperature, long life polyurea grease.	PUG 9000 H

PROCESS	MACHINE	APPLICATIONS	FEATURES & BENEFITS	PRODUCT
Grinding / Finishing	Ball Mill / Horizontal mill	Open gears	Premium grade sprayable fluid grease for heavy duty open gear that prevents scoring, scuffing, galling, clawing, pitting, sliding and slipping.	SPRAYLUBE 2500
		Gear boxes	High temperature synthetic gear oil with good AW and EP characteristics.	ULTRA GEAR SYN OILS
		Bearings	Multifunctional extreme pressure high load & water resistant grease with good shear stability.	SGH 220 PLUS

YOUR BENEFITS

- Lower maintenance & operational cost.
- Longer relubrication interval.
- Reduction in equipment failure.
- Specially formulated products to withstand extreme conditions.

Product Specifications

GREASES

PRODUCT	THICKENER / OIL	BASE OIL VISCOSITY @ 40°C (cSt)	NLGI GRADE	DROPPING POINT (°C)	OPERATING TEMPERATURE (°C)
SGH 460 PLUS	Calcium Sulfonate Complex / Mineral	460	#2	+300	-25 / +200
KOPAL®	Lithium Complex / Mineral	120	#2 / 1	NA	-30 / +1100
SGH 220 PLUS	Special Complex / Mineral	460	#2	+300	-20 / +200
PUG 9000 H	Polyurea / Mineral	220	#2	+250	-20 / +180
SPRAYLUBE 2500	Aluminium Complex / Refined Mineral Oil	2500	#00	NA	-25 / +180
SG 1000 M 50	Metal Complex / Mineral	1000	#2	300	-20 / +200

OILS

PRODUCT	BASE OIL	BASE OIL VISCOSITY @ 40°C (cSt)	COPPER CORROSION (Rating)	POUR POINT (°C)	FLASH POINT (°C)
ULTRA GEAR SYN OILS	PAO	32 / 100 / 150 / 220 / 320 / 460 / 680 / 1000	1a	-48 / -45 / -45 / -39 / -36 / -33 / -27 / -24	220 / 220 / 220 / 225 / 225 / 225 / 230 / 240
STENOL® PREMIUM 220	Synthetic Ester	300	1b	-6	280

Accelerating industrial performances across the world

Designed by empiric designs



Efficient lubrication solutions to drive industries forward

Molygraph is India's leading engineered lubricants company. For over 32 years we have mastered the art of making high quality speciality lubricants for various industries & applications. At the core of each of our products lies our strong emphasis on Research & Development and a deep understanding of the client's expectations, which helps us deliver optimal solutions.

The consultative selling approach lays emphasis on value creation for our clients & has led Molygraph to be a front runner in the speciality Lubricants market in India as well as developing a global footprint with a presence in over 25 countries around the world.

BUSINESS VERTICALS

- Animal Feed
- Automotive Components & Manufacturing
- Cement
- Food
- Forging
- Metal Cutting & Forming
- Mining
- MRO
- Oil & Gas
- Pharmaceutical
- Plastic Moulding
- Pulp & Paper
- Punching & Stamping
- Steel
- Sugar
- Textile
- Wind Power

PRODUCT LINE

- Aerosol Sprays
- Cleaners & Degreasers
- Dispersions
- Lubricating Greases & Pastes
- Lubricating Oils
- Metal Forming Fluids
- Rust Preventives
- Solid Lubricants
- Thread Dope Compounds

PRODUCT APPLICATIONS

- Bearings
- Chain & Wire Ropes
- Conveyor Chains
- Forging & Extrusion
- Gears
- Metal Cutting & Grinding
- Metal Punching & Stamping
- Nuts, Bolts & Threads
- Sheet Metal Drawing
- Valves

