

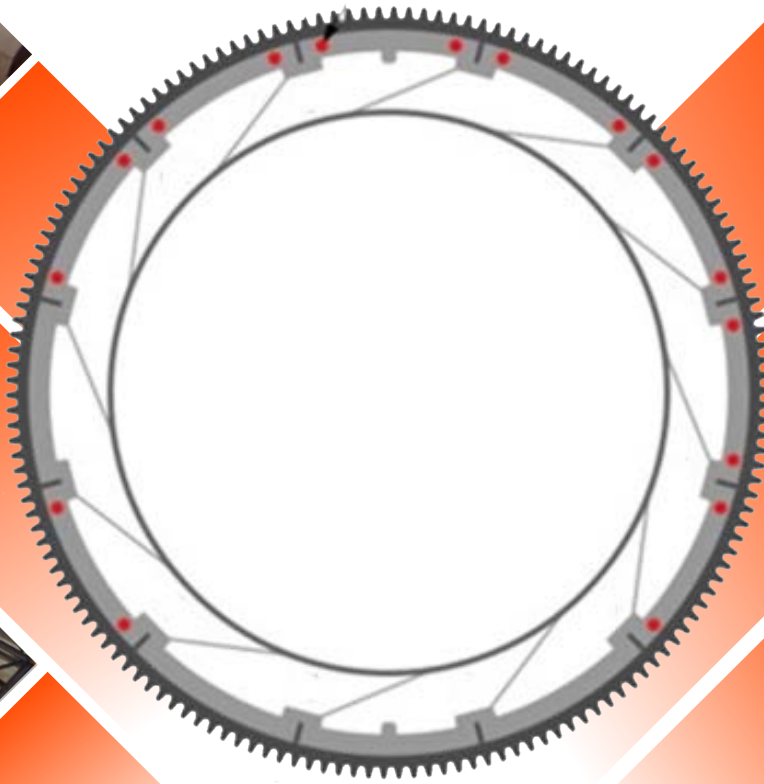


بيرفورمانس پروسدكٹس ٹيڪ (م.م.ج)
PERFORMANCE
PRODUCTS TECH (FZE)

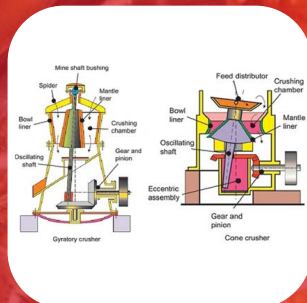
50 years of growth in Engineered Lubricants



Worldwide leader in Open Gear Lubricants



ENGINEERED LUBRICANTS FOR YOUR INDUSTRY
Fifty (50) Years of R&D and Engineering
Excellence in Specialty Lubricants Technology

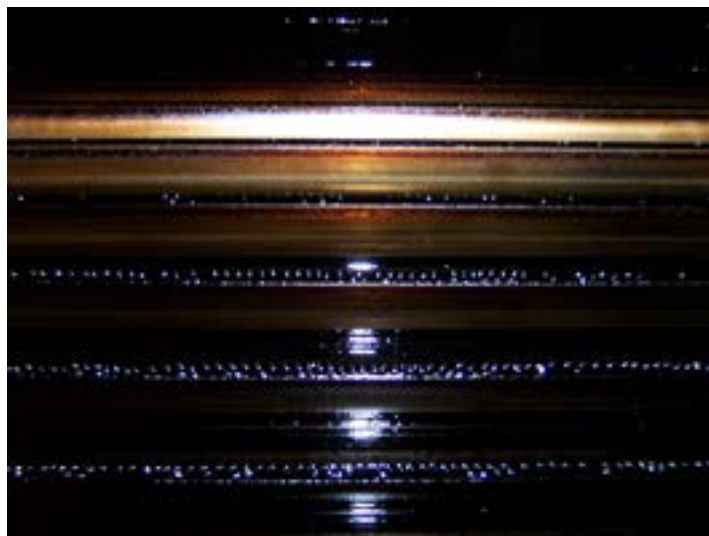


PETRON CORP. – USA

PETRON CORPORATION is a customer oriented company that formulates, manufactures and supplies specialty lubricant together with technology to the mining and manufacturing industries worldwide. Petron Corporation designs and manufactures a diverse product line that serves cement, mining, steel, wind and private label markets.



Petron prides itself on developing specialty lubricant products which solve problems for heavyduty industrial customers. Petron developed Open Gear Lubricants that meet and exceed OEM requirements.



Contents

1	INTRODUCTION PAGE -----	15 - 20
2	INDUSTRIES WE SERVE -----	21- 44
3	REQUISITES FOR OPEN GEAR LUBRICANT SELECTION -----	45 - 64
4	PETRON GEAR SHIELD® - OPEN GEAR LUBRICANT -----	65 - 72
	● OVERVIEW	
	● ADVANTAGES OF GEAR SHIELD®	
	● SEEING IS BELIEVING	
5	OPEN GEAR LUBES - MILLS, KILNS, DRYERS & BALLING DISCS	
	● MILLS, KILNS, DRYERS & BALLING DISCS	
6	INDUSTRIAL GEAR OILS	
	● PETRO LUBE 400 SERIES GEAR OIL	
	● PETRO LUBE 600 SERIES GEAR OIL	
	● PETRO LUBE 700 SERIES (PAO) SYNTHETIC GEAR OIL	
7	EQUIPMENT SPECIFIC LUBES	
	● CRUSHER SPIDER BUSHING LUBRICANT	
	● EASY BAR – Kiln Bore Lubricant	
	● Hi- TEMP LUBE OIL	
8	SPECIALTY GREASES	
9	GEAR CLEANING PRODUCT	
10	PETRON ALL PRODUCTS	

SECTION

1

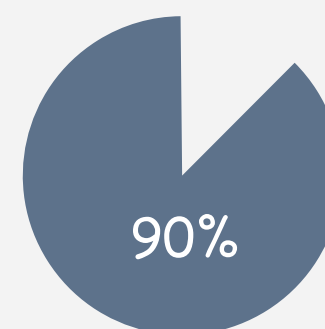
INTRODUCTION

Established in 1968 in New Berlin, Wisconsin USA, Petron Corporation is a worldwide supplier of quality engineered lubricants.

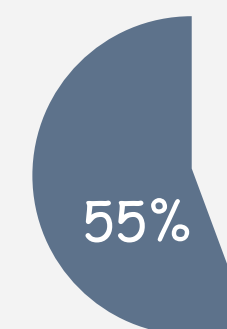
INTRODUCTION

Established in 1968 in New Berlin, Wisconsin USA, Petron Corporation is a worldwide supplier of quality engineered lubricants. PETRON Corp's. diverse product line, custom designed & manufactured to suit your industrial requirements and specifications, has pioneered Petron Corp. to become industry leaders .

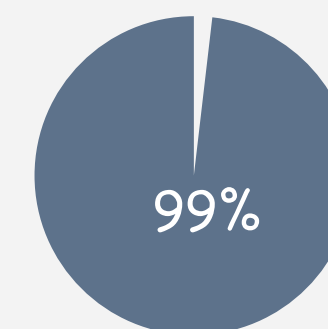
Performance Products



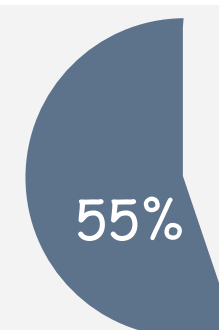
We lubricate 90% of all mill gears in the Copper/Gold mines of Arizona, Nevada, Utah and New Mexico



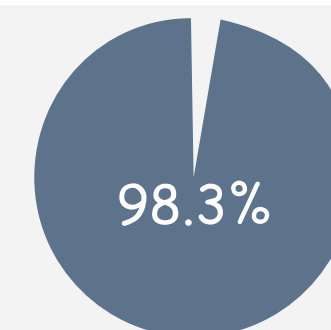
Petron lubricates 55% of all cement mills and kilns in the USA



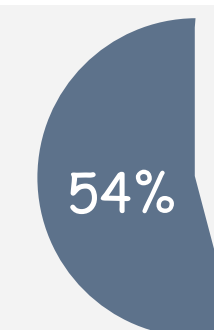
Shipments are delivered more than 99% on time without customer complaint



We lubricate 95% of all Shovels in the Copper industry in Chile.



1st time through manufacturing at 98.3%



We have 54 mixing and storage kettles with a total capacity of over 500,000 gallons.

SECTION 2

INDUSTRIES WE SERVE

- Cement
- Mining
- Steel
- Wind
- Power

Diverse product line, designed and manufactured to suit your industrial requirements and specifications

PETRON'S LINE OF SPECIALTY AND HIGH PERFORMANCE PRODUCTS



Cement Industry

Products specifically formulated to improve the lubrication needs of the cement manufacturing process. Petron's top selling Gear Shield®, is a proven open gear lubricant trusted to lubricate hundreds of gear sets on mills and kilns throughout the cement industry.

Gear Shield® provides industry leading lambda (lube film thickness) and is approved by all major gear manufacturers.



Mining Industry

High performance lubricants designed to excel in adverse and demanding environments, for mining operations worldwide.

Petron top selling Petrotac OGL series are a proven open gear lubricant trusted to lubricate hundreds of shovels and draglines throughout the mining industry.



Steel Industry

Proven lubrication products for steel industries worldwide. In addition to Top selling Gear Shield® used throughout the steel industry. Petron Hitemp 242 is a proven high performance lubricant for indurating furnace to enhance the side plate and seal bar operating life.

Petro Plate HD series greases performs much better than any conventional caster segment bearing greases. It can also be used in Bushings, Ladle Turrets, Work Rolls, and Coiler Mandrels.



Wind

Effective lubricants solutions to increase the efficiency of industrial wind turbines.

Petro Lube 400 Series Gear Oil, fortified with special proprietary extreme pressure and anti-wear additives for enclosed gear drives that operate under harsh conditions where severe shock and overloads.

Petro Lube 700 provides increased gear efficiency and also results in reduced power consumption.



Power Generation:

Pulverize with Precision
Petron offers a variety of high performance lubricants and services to power operations worldwide. Petron top selling Gear Shield®, is a proven open gear lubricant trusted to lubricate hundreds of gear sets on mills and kilns throughout the power industry.

SECTION

3

REQUISITES FOR OPEN GEAR LUBRICANT SELECTION

REQUISITES FOR OPEN GEAR LUBRICANT SELECTION

Base oil Viscosity@40 deg and 100 deg

FZG Rating – No. of Stages Passed

Specific Mass Loss-mg/Kwh
(mass loss due to wear)

Lambda (Lubricant Film Thickness)values

Translucent-Easy visual inspection of
gears during running condition



PETRON CORP'S TOP SELLING GEAR SHIELD® OFFER OTHER BENEFITS ALSO

- » Environmental friendly
- » No build up in gear tooth roots
- » Excellent pumpability, no spray nozzle plugging, no drainage problems.
- » Lowest consumption values without compromising AGMA Guidelines.

Top Selling Gear Shield® –
Savior of your Gears,
Increased Protection, Extended
Life of Gears, Lesser Lube &
Maintenance Costs

Petron Corp. Leader in Engineered Lubricants Top Selling Gear Shield®
– Savior of your Gears

SECTION

4

PETRON GEAR SHIELD® - OPEN GEAR LUBRICANT

GEAR SHIELD® SERIES –
SAVIOUR OF OPEN
GIRTH GEARS

OVERVIEW

PETRON GEAR SHIELD® SERIES LUBRICANT OF CHOICE
FOR MILLS, KILNS: CEMENT, MINERALS PROCESSING, STEEL & POWER
INDUSTRIES

4



Petron Gear Shield NC/NCW

New Dimensions in
Open Gear Drive Lubrication

High viscosity residual compounds.

High viscosity for better gear protection.

Historical data shows very economical to use.

Forms a tenacious film on pressure flanks.

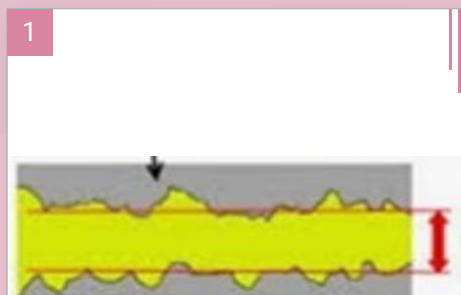
Flushes away contaminants & natural wear debris.

Forms a semi-translucent film that permits meaningful inspections under dynamic conditions when using a strobe light.

4

GEAR SHIELD® ADVANTAGES

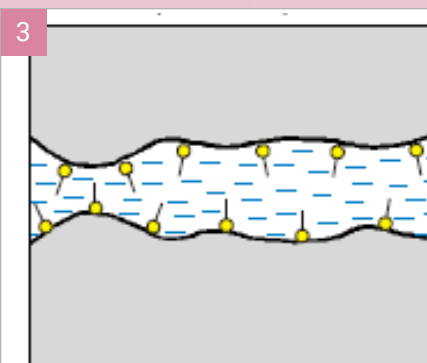
Benefits



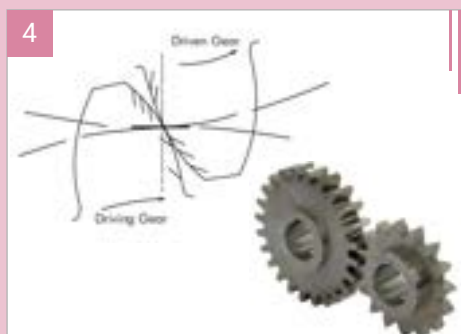
Higher lube thickness (Lambda) - lesser wear of mating surfaces.



Higher Viscosity Fluid designed to lubricate heavily loaded open gears.



Industry-leading FZG wear test result (0.0532 mg/kWh). Reduced wear thus longer life and lesser maintenance.



Anti-wear and extreme pressure additives provide unparalleled protection in the most heavily loaded zones of gear tooth mesh.



No build-up in gear tooth roots.



Drains freely from gear guards.

7

Pumps freely down to 32°F (0°C). For applications below 32°F (0°C) use Gear Shield NCW.

The property "pumpability" is understood to refer to the behavior of lubricants when they are being pumped under the operating conditions to be anticipated.



8



Environmentally friendly. Does not contain chlorinated solvents or lead and is free of all carcinogens. Environmentally Safe/Passes TCLP Protocol A

9



Translucent—Easy visual inspection of gears during running condition.

EXCELLENT LUBE FILM –OWING TO THE HIGH LAMBDA VALUES WHICH IN TURN RESULTS BETTER SEPARATION OF GEAR TOOTH, AND STOP PROGRESSION OF PITTING

Petron Gear Shield® is the world leader in lubrication for open gear drives on stationary rotating machinery.

Highest Lambda values and lowest consumption – Excellent lube film

Lowest annual lubrication cost & lower inventory.

SEEING IS BELIEVING

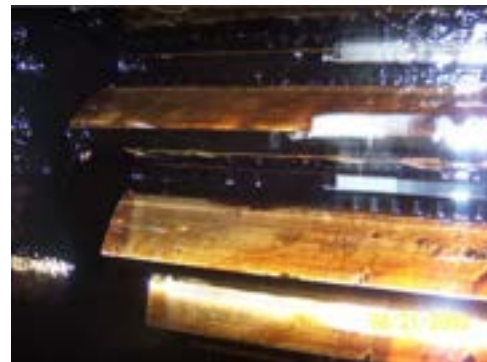
4

Before Gear Shield



Lubricant Film Rupture

After Gear Shield



Full strength restored



Drainage non-consistent / lacking proper drainage, build-up on gear guards, caused housekeeping issues.



Gear Shield® Drains From Guard
Drainage established, No build-up on gear guards. Elimination of house keeping issues



Lubricant film rupture evident. Lubricant did not meet OEM recommended viscosity for Open Gears.



Lubricant high viscosity full strength film restored. Gear Shield exceeds OEM viscosity requirements.

In addition to the benefits availed by end users:

- » Gear Shield exceeds all OEM Base-oil viscosity requirements.
- » Lube film rupture eliminated.
- » Gear Shield restored the lube film strength.
- » Premature gear failure mitigated.
- » Gear operating life extended.
- » Higher lubricant film thickness.
- » Increased protection to gears due to superior film thickness (lambda value) of Gear Shield.

With above benefits, hard cost savings due to reduced consumption of lubricant. Reduced cost for waste disposal.



Lubricant build-up evident



Lubricant build-up eliminated

Gears after 1 1/2 years of service



Gears Lubricated with Gear Shield NC



Worldwide leader in Open Gear lubrication

OPEN GEAR LUBES – KILNS, MILLS, DRYERS & BALLING DISCS



Gear Shield® P is blend of high viscosity synthetic and mineral base fluids as well as a highly refined resin. These resins are combined with EP and oxidation-resistant additives that further enhance gear protection.

MILLS, KILNS, DRYERS & BALLING DISCS

GEAR SHIELD® NC/NCW

Gear Shield® NC/NCW is a high viscosity fluid that provides superior separation of gear teeth in the heaviest loaded zone of gear teeth mesh. Gear Shield® is a high-viscosity base fluid combined with E.P. and oxidation resistant additives, further enhancing its protection.

Petron Gear Shield® is lubricant of choice for mills and kilns. The industry leading FZG wear test results (0.0532 mg/kWh). No build up in gear roots. Drain freely from gear guards, pumps freely down to 32° F, For applications below 32° F use Gear shield NCW, Environmentally friendly.

Does not contain chlorinated solvents or lead and is free of oil carcinogens. It exceeds OEM and AGMA base oil viscosity requirements for intermittent spray applications.

GEAR SHIELD® P

Gear Shield®P is designed for open gear drives on stationary rotating machinery that operate at elevated temperatures. Gear Shield®P can be applied through an auto-lube system or in a sump or both type application.

Gear Shield® P is blend of high viscosity synthetic and mineral base fluids as well as a highly refined resin. These resins are combined with EP and oxidation-resistant additives that further enhance gear protection.

Pumps freely down to 15° F/-9°C. Environmentally friendly and does not contain chlorinated solvents or lead and is free of all carcinogens. Excellent for elevated temperatures such as kiln and dryers.

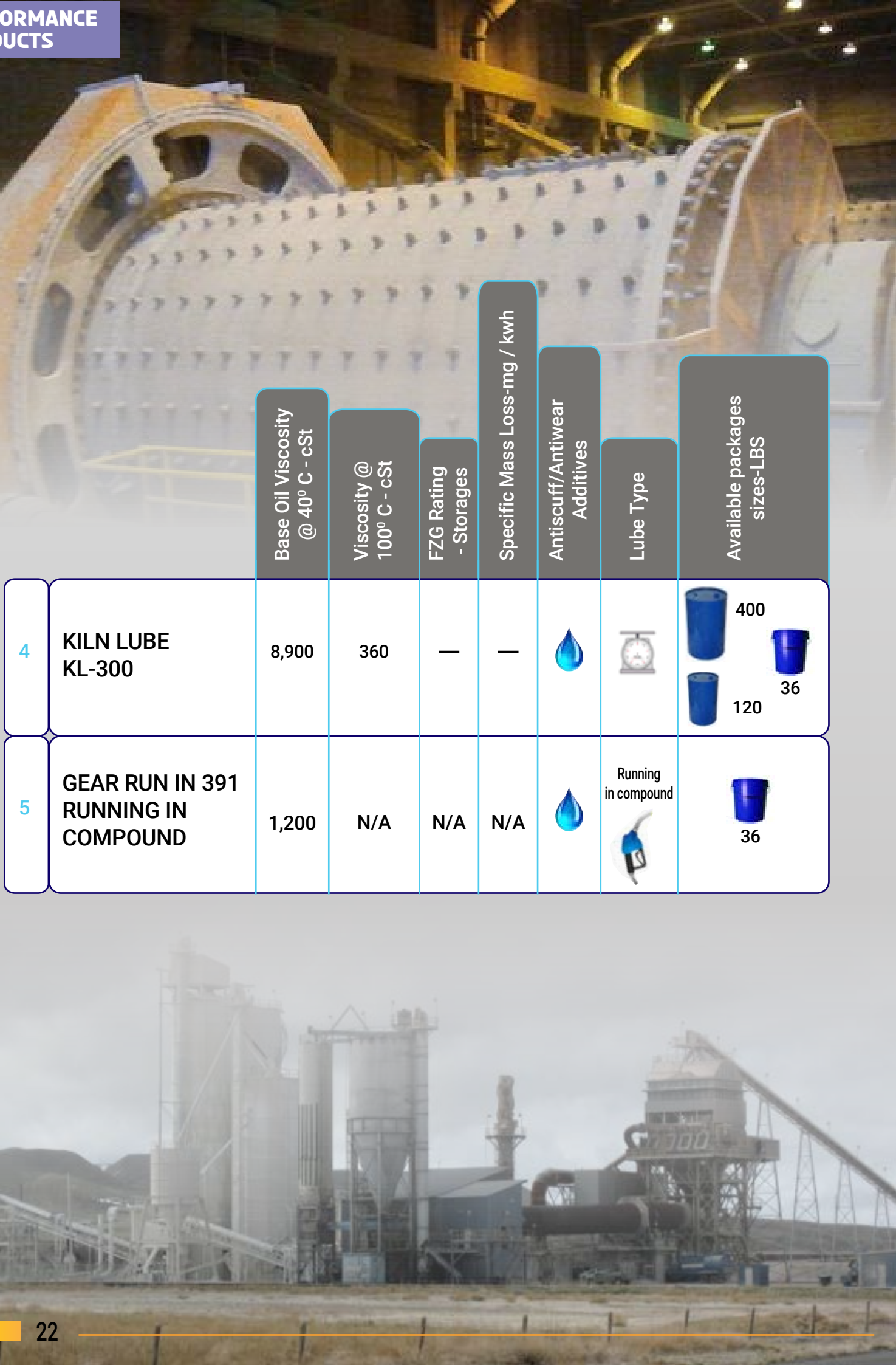
GEAR SHIELD® SYNTHETIC (GSS)









Gear Shield® Synthetic is a transparent fully synthetic open gear lubricant that provides a tenacious film on the working flanks of gear teeth on any open gear application that powers stationary rotating mills/kilns. It provides superior protection of gear teeth in the heaviest zone of gear tooth mesh. The fully synthetic base fluids are combined with oxidation-resistant and EP additives that further enhance its protective qualities.

Pumps freely down to 18° C. Gear Shield Synthetic is, Environmentally friendly and exceeds OEM and AGMA base oil viscosity requirements for intermittent spray applications.

GEAR SHIELD® SYNTHETIC OPEN GEAR LUBRICANT





		Base Oil Viscosity @ 40° C - cSt	Viscosity @ 100° C - cSt	FZG Rating - Storages	Specific Mass Loss-mg / kwh	Antiscuff/Antiwear Additives	Lube Type	Available packages sizes-LBS
4	KILN LUBE KL-300	8,900	360	—	—			 400  120  36
5	GEAR RUN IN 391 RUNNING IN COMPOUND	1,200	N/A	N/A	N/A		Running in compound 	 36

KILN LUBE

Kiln Lube Open Gear Lubricant is designed for slow-moving open gear drives on stationary rotating machinery found on kilns, dryers and digesters operating at both low and elevated temperatures. Petron Kiln Lube is a high viscosity, synthetic open gear lubricant designed for use in spray, sump or bath- type applications.

Its unique formulation provides the needed high viscosity protection at elevated operating temperatures yet stays fluid at cooler temperatures when equipment is down, aiding in trouble-free start-ups.

The addition of a proprietary blend of extreme pressure additives and friction modifiers contribute further to the separation of gear teeth during the sliding motion encountered on slow-moving gears. Petron Kiln Lube has been designed with special oxidation-resistant additives to provide extended drain intervals.

GEAR RUN-IN 391 (for Open Gear use only) –
GEAR SURFACE IMPROVEMENT LUBRICANT

Gear Run In-391 is a compounded lubricant that is blended with select base oils and chemical additives designed to remove minor damage, surface finish asperities and improve the contact pattern on gear and pinion drives.

Anti-wear and EP additives provide excellent protection during application. No build-up in gear tooth roots. Drains freely from gear guards. No cleaning of the gearing necessary as it slowly dissipates after use. Designed only for gear run in's not continuous service.

Gear Run in 391 is a running in product and used for open gears.

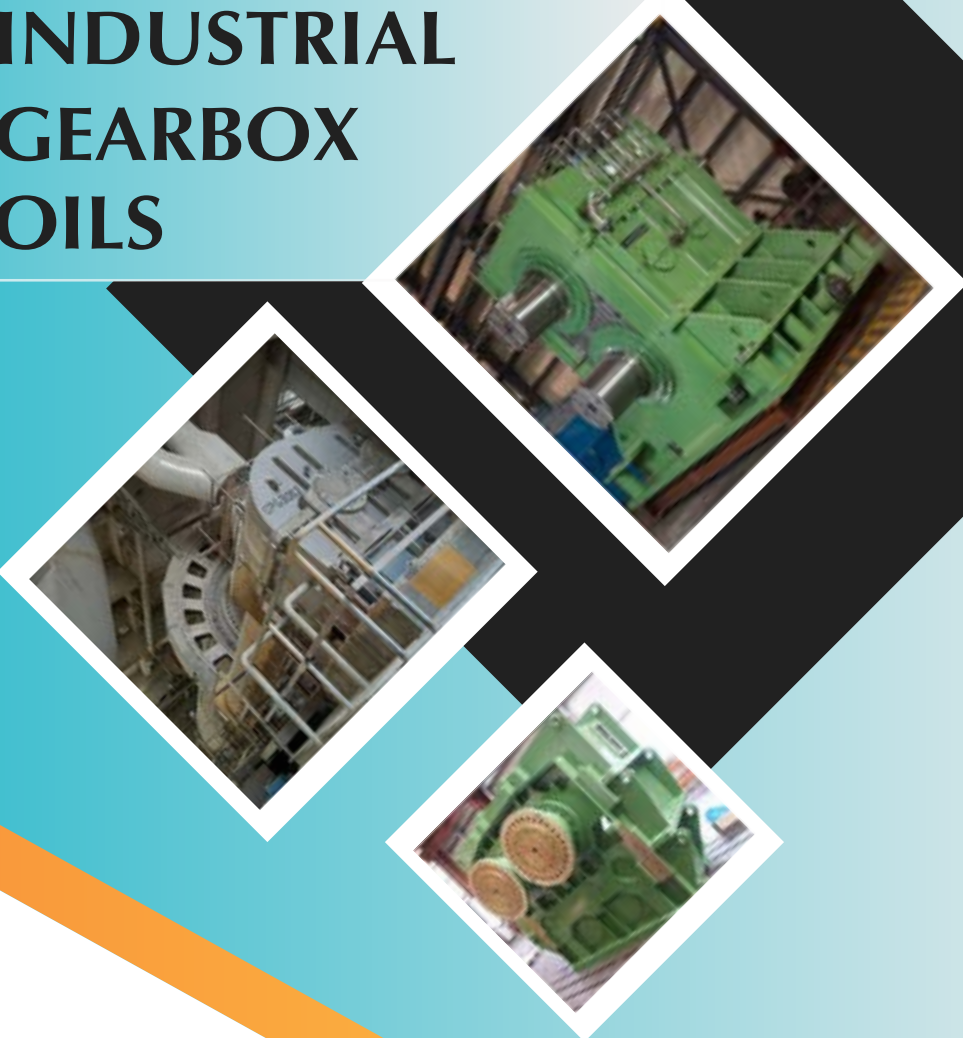
Product Application

Application is via hand held spray equipment directed into gear mesh at frequent intervals.

Features & Benefits

- » Easily applied.
- » Anti-wear and EP additives provide excellent protection during application.
- » No build-up in gear tooth roots.
- » Drains freely from gear guards.
- » No cleaning of the gearing necessary as it slowly dissipates after use.

INDUSTRIAL GEARBOX OILS



INDUSTRIAL
GEARBOX OILS

PETRO LUBE

400 SERIES GEAR OIL

Petro Lube 400 Series Gear Oil is a high performance, extreme pressure gear lubricant, fortified with special proprietary extreme pressure and anti-wear additives for enclosed gear drives that operate under harsh conditions where severe shock end overloads are encountered.

Petro Lube 400 Series Gear Oil is manufactured with specialized additives which provide excellent resistance to oxidation, corrosion, and foaming. Petro Lube 400 Series Gear Oil is intended for use in all types of enclosed gear drives with circulation or splash lubrication systems.

Petro Lube 400 Series Gear Oil can be used on industrial gearing for conveyers, agitators, dryers, extruders, fans, mixers, presses, pulpers, pumps, screens, extruders and other heavy-duty applications.

PETRO LUBE

700 SERIES SYNTHETIC GEAR OIL

Petro Lube 700 Series Gear Oil (PL700) is a high performance, extreme pressure (EP), Poly-Alpha Olefin (PAO) synthetic gear lubricant blended with high viscosity index (V.I) base stocks to provide superior lubricant performance at both high and low temperature extremes.

PL700s shear-stable formulations include rust and corrosion inhibitors as well as anti-foam and demulsibility agents.

PL700: base stocks have no aromatic or naphthenic hydrocarbons and are naturally resistant to oxidation, deterring the formation of acids, sludge and other deposits which can lead to lubricant degradation, PL700 Series Gear Oil contains no waxes or V.I. improvers, which can cause excessive thickening at low temperatures, and is compatible with typical mineral oils.

PETRO LUBE 600 SERIES GEAR OIL

Petro Lube 600 Series Gear Oil (PL600) is a high performance, extreme pressure gear lubricant, fortified with a special proprietary extreme pressure/anti-wear package for enclosed gear drives that operate under extreme conditions where severe shock and overloads are encountered.

Premium extreme pressure additives have been compounded into high quality base oil. This oil also provides outstanding anti-wear properties to help minimize temperature increases under heavy loads.

In addition, selected additives have been incorporated to provide excellent resistance to oxidation, corrosion, and foaming.



SECTION
7

EQUIPMENT SPECIFIC LUBES

EQUIPMENT SPECIFIC LUBES

CRUSHER SPIDER BUSHING LUBRICANT

7

Petron Crusher Spider Bushing Lubricant is a non-polymer, viscous, semi-fluid, lubricant specifically designed to lubricate spider bushings and cone shaft found in gyratory crusher applications. The product penetrates the tight tolerance areas and forms a protective lubricant film in between the bushing and the mandrel ensuring both AW protection (rotational wear) and EP protection from sudden impacts.

Formulated to lubricate heavily loaded crusher spider bushings.

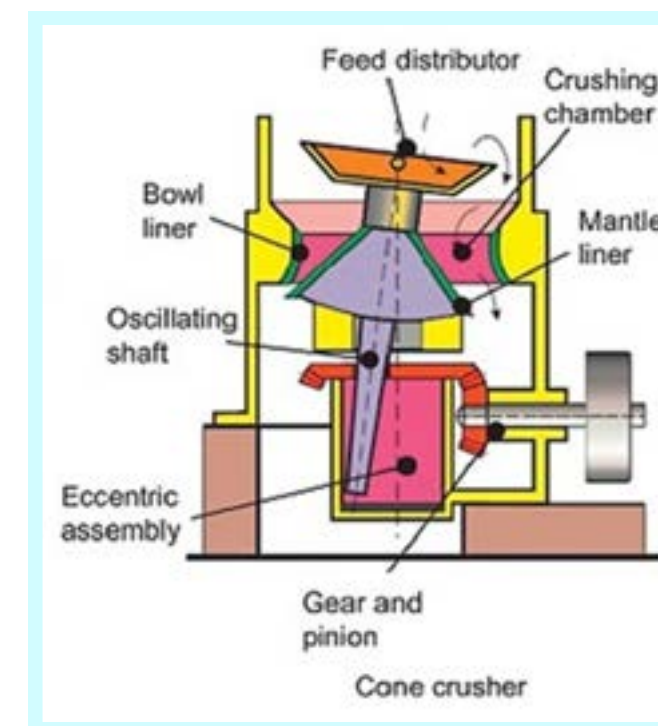
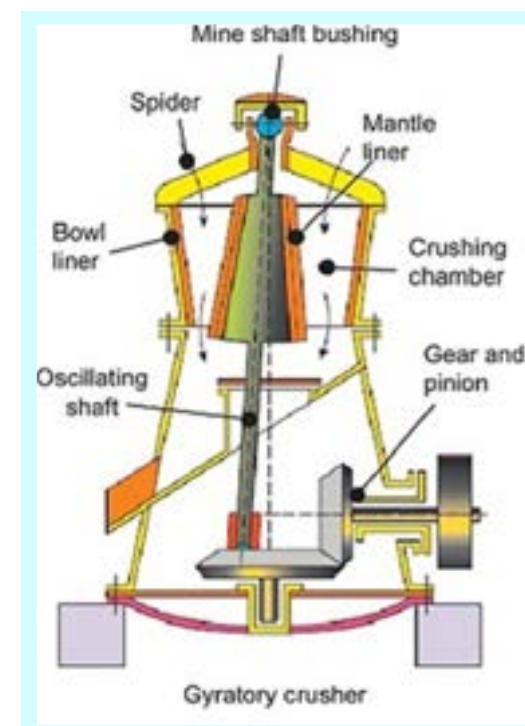
High viscosity fluid designed to flow allowing the lubricant to cool the entire shaft and bushing, extending component life while reducing consumption.

Solid and organo-metallic anti-wear and extreme pressure additives provide unparalleled protection in the most heavily loaded zones.

Recommended for use in all ambient temperature conditions, both summer and winter

Does not use polymers to attain its high viscosity.

Environmentally friendly, does not contain chlorinated solvents or lead and is free of all known carcinogens.



PERFORMANCE PRODUCTS

7

EASYBar[®]

Kiln Tire Bore Lubricant

EASY BAR[®] KILN LUBRICANT

Lubricates the inside tire bore and wear pads of Rotary Kilns and Dyers

Easy Bar[®] is cost-effective, environmentally friendly, and easy to use. With the highest auto-ignition point in the industry, there is no chance of dangerous flame ups, ensuring the safety of your equipment as well as your employees. Our bar requires fewer applications than our competitors, thanks to our expertly crafted graphite composition and load carrying properties. Our ability to reduce application time to less than one minute a week per tire greatly minimized the oilers exposure to the hostile kiln environment.

Save Money, Save Time

How Easy Bar[®] Reduces Maintenance Costs

No Dangerous Flame-Ups

With the highest auto-ignition point in the industry, our bar protects your employees and your equipment from dangerous flame-ups.

Fewer Applications

Easy Bar[®] requires one, weekly application to protect your kiln versus alternative products requiring multiple applications per week.

Zero Waste

Our bar's patented binder quickly evaporates leaving no sticky residue, waste, or harmful chemicals behind for clean-up.

Saves Time

Zero mixing or preparation time is needed. Our Easy Bar[®] comes ready to go, all you have to do is start using it.

Protects Equipment Life

Weekly use of Easy Bar[®] reduces the normal friction and wear of the filler bars. Extending the life of the filler bars maintains the support of the kiln shell and minimizes shell ovality. Maintaining creep can lengthen refractory life. Additionally, reducing friction and wear of the filler bars can minimize weld fractures of the stop blocks and the shell.

Lower Labor Costs

With our product, you can cut your lubricant application time to less than one minute per week, effectively lowering labor costs.

PERFORMANCE PRODUCTS

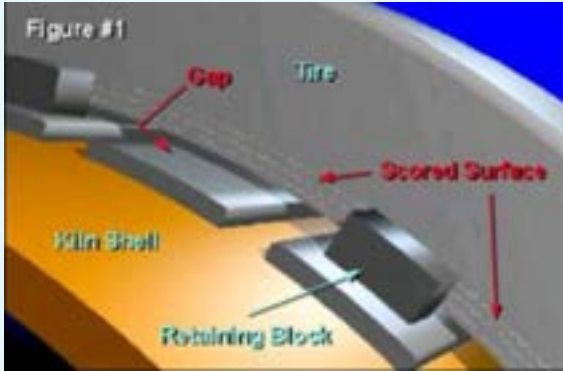
7

GRAPHITE LUBE FOR KILN TIRE BORE

Easy Bar[®] is a high-temperature kiln lubricant in the form of a solid bar that is inserted between the kiln tire bore and kiln shell. Our patented lubricant melts slowly, allowing graphite and copper to distribute precisely to the areas needed. Easy Bar[®] won't become slick and slide out once inserted.

Filler bars and refractory brick are vital components to kiln shell life. When properly maintained and lubricated, filler bars allow the riding ring to float during thermal expansion while in operating conditions. Excessive wear of the filler bars could cause high ovality conditions which can lead to loss of refractory and possible misalignment of the riding ring to the kiln shell. The protective graphite lube coating lengthens the life of filler bars, and reduces the wear of the filler bar surface and the riding ring bore, while also minimizing the scoring of the stop blocks and the riding ring. This not only allows you to save money on maintenance, but also extend the life of your kiln, saving you anywhere from \$20,000 to \$60,000 per tire section.

Figure #1



Extends the life of filler bars.

Reduce scoring of kiln tires and stop blocks.

Extend shell and refractory service life.

Reduce weld fractures at filler bar and kiln shell interface.



28

29

SECTION

8

SPECIALITY GREASES

Speciality Grease
Petro Plate Series

PETRO PLATE M5/800

8

The Petra Plate M5/800 series is a calcium sulfonate complex thickened lubricating grease. It is specially formulated for mining equipment, construction equipment, and other heavy duty applications. This grease contains 5% molybdenum disulphide for protection against the most severe shock loads that affect pins, bushings, and joints on heavy duty equipment.



Petro Plata M5/800 series grease is fortified with additives that insure long service life and excellent corrosion resistance. Typical applications are electric and hydraulic shovels, draglines, haul trucks, loaders, crawler and rubber tire dozers, pins, bushings, and low to medium speed bearings.

Available in 00-0-1-2-NLGI Grades

Excellent pin and bushing life.

Superb mechanical stability.

Outstanding EP performance.

Exceptional water wash-out resistance.

Excellent performance in wet conditions.

Superior resistance to rust and corrosion.

Environmentally friendly grease that does not contain any additives such as lead, antimony, zinc, barium, or phosphorous.



PETRO PLATE HD SERIES

The Petro Plate HD Series consists of NLGI Grade 2 calcium sulfonate grease in on ISO 220 or ISO 460 base oil. The Petro Plate HD Series was designed to outperform conventional products by applying leading edge proprietary calcium sulfonate manufacturing technology.

The Petro Plate HD Series is manufactured end formulated to provide excellent high temperature performance with superb adhesion, structural stability and resistance to water contamination. They have a high level of chemical stability and offer excellent protection against rust and corrosion.

Their performance features make them ideal choices for severe operating conditions including high temperature, water contamination, high loads, shock loading and extending re-lubrication intervals. Excellent protection from extreme pressures caused by shock loading.

Outstanding resistance to water washout. Superior high-temperature properties. Extended re-lubrication intervals. Excellent protection from rust and corrosion.

Environmentally friendly as it does not contain any antimony, barium, chlorine, phosphorus, zinc or free sulphur. Petro Plate HD Series can be used in Bearings, Bushings, Ladle Turrets, Caster Segments, Work Rolls, and Coiler Mandrels.



SECTION

9

GEAR CLEANING PRODUCT

GEAR CLEANING PRODUCT

GEAR CLEANING PRODUCT

9

PETRO KLEEN 140

Petron Petro Kleen 140 is a viscous, petroleum-based product designed to clean open gearing of lubricant and contamination. Petro Kleen 140 contains high levels of EP additives to protect the gearing during the cleaning process.

Petro Kleen 140 has a high flash point >300°F. Petro Kleen 140 is designed to be applied through the automatic lubrication system in place of the open gear lubricant while the gearing is running and under load, greatly reducing down time.

No loss of production during cleaning process.

Apply Petro Kleen 140 at 3-5 minutes intervals for 24-48 hours, depending on the desired cleanliness to be achieved. Cleans auto lube system during gear cleaning process, including lube lines, injectors, and spray heads.

If total elimination of lubricant is required, pressure washing with Pensolv L 945 can be done while the gearset is in creep-mode. Optionally a final hand cleaning of Pensolv can be done while the mill is shut down.

Petro Kleen 140 can also be applied using a separate handheld spray system if you want to remove contamination. Petro Kleen 140 is user friendly with no irritating odor.



Before Cleaning Process



After Cleaning Process

SECTION

10

PETRON CORP. ALL PRODUCTS

PETRON CORP. ALL
PRODUCTS

PETRON CORP. ALL PRODUCTS

10

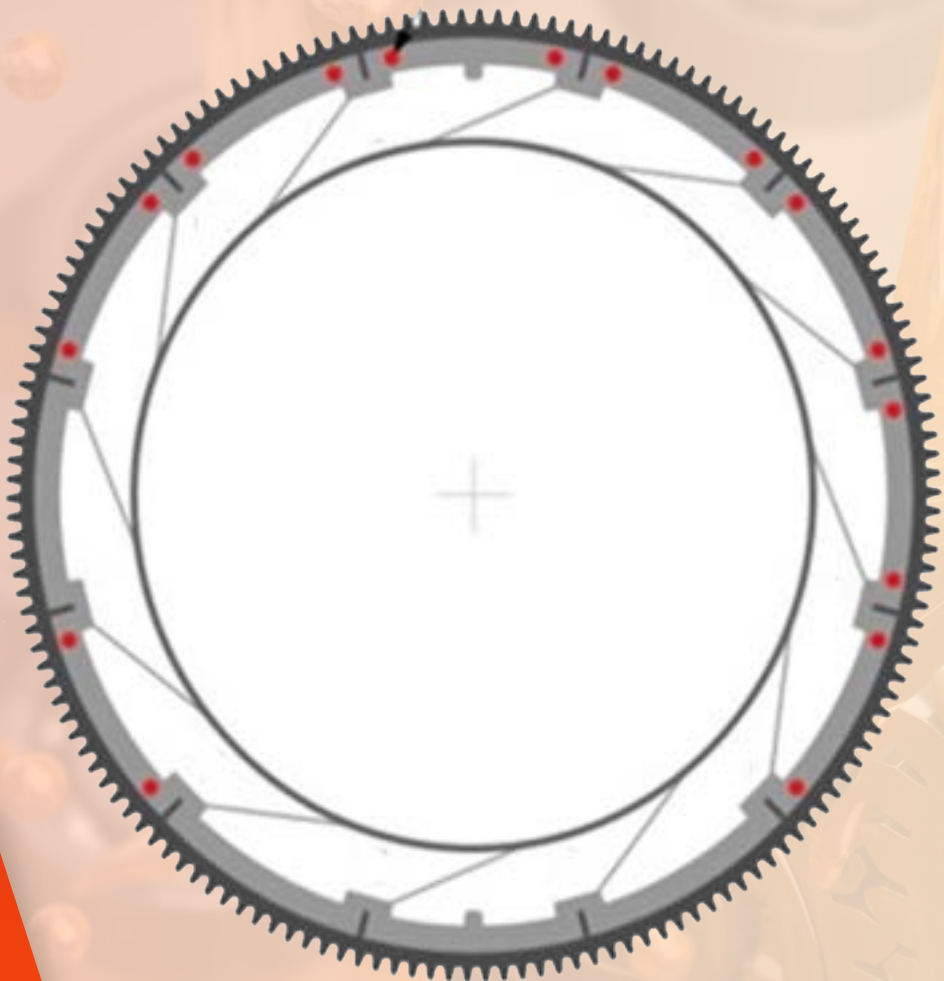
No.	Product	Application
Residual Type Products		
1	Gear Shield®NC High viscosity residual open gear lubricant for mills and kilns applied via intermittent spray for use in ambient temperatures of 0°C (32°F) and above.	Cement,Mining, Steel, Power Generation.
2	Gear Shield® NCW High viscosity residual open gear lubricant for mills and kilns applied via intermittent spray below 0°C (32°F).	Cement, Mining, Steel, Power Generation.
3	Gear Shield® NC Aerosol High viscosity residual open gear lubricant for mills and kilns packaged in aerosol spray can.	Cement, Mining, Steel, Power Generation.
Semi-Synthetic Type Products		
4	Gear Shield®P Synthetic high viscosity open gear lubricant for mills and kilns applied via intermittent spray with exceptional performance at elevated temperatures above 93°C (200°F).	Cement,Mining, Steel, Power Generation.
5	Petrotac EP Premium 30B High viscosity synthetic open gear lubricant for shovels and draglines, for use in ambient temperatures 0°C (32°F) and above. Meets Bucyrus International Inc. SD4713 OGL specification.	Mining.
6	Petrotac EP Premium 20B High viscosity synthetic open gear lubricant for shovels and draglines, for use in ambient temperatures ranging from -26°C (-15°F) to 25°C (77°F). Meets Bucyrus International Inc. SD4713 OGL specification.	Mining.
7	Petrotac EP Premium 10B High viscosity synthetic open gear lubricant for shovels and draglines, for use in ambient temperatures 0°C (32°F) and below. Meets Bucyrus International Inc. SD4713 OGL specification.	Mining.
8	Petrotac EP Premium Arctic High viscosity synthetic open gear lubricant for shovels and draglines, for use in ambient temperatures ranging from -40°C (-40°F) to 0°C (32°F).	Mining.
9	Petrotac EP Compound 30 High viscosity synthetic open gear lubricant for shovels and draglines, for use in ambient temperatures ranging from 0°C (32°F) and above.	Cement, Mining.
10	Petrotac EP Compound 20 High viscosity synthetic open gear lubricant for shovels and draglines, for use in ambient temperatures ranging from -29°C (-20°F) to 10°C (50°F).	Cement, Mining.

No.	Product	Application
Full Synthetic Type Products		
11	Gear Shield® Synthetic Transparent synthetic high viscosity open gear lubricant for mills designed to be sprayed through all automatic lubrication equipment	Cement, Mining, Steel, Power Generation.
12	Kiln Lube 300 Synthetic high viscosity open gear lubricant for mills and kilns, for use in sump applications in warm weather.	Cement, Mining, Steel, Power Generation.
Compounds		
13	Open Gear Lube 595 NC High viscosity open gear lubricant for shovels and draglines, for use in ambient temperatures of 0°C (32°F) and above.	Mining, Wind (Yaw Gear).
14	Open Gear Lube 585 NC High viscosity open gear lubricant for shovels and draglines, for use in ambient temperatures ranging from -18°C (0°F) to 10°C (50°F).	Mining.
15	Open Gear Lube 585 W High viscosity open gear lubricant for shovels and draglines, for use in ambient temperatures ranging from -18°C (0°F) to -40°C (-40°F).	Mining.
16	Spider Bushing Crusher Lube Premier non-polymer, viscous, semi-fluid, lubricant designed to lubricate spider bushings found in crusher applications.	Mining.
EP Gear Oils Type Products		
17	Petro Lube 700 Series Oils High performance Synthetic PAO gear oil.	Cement, Mining, Wind, Steel, Power Generation.
18	Petro Lube 400 Series Oil High performance EP mineral gear oil.	Cement, Mining, Wind, Steel, Power Generation.
EP Type Products		
19	Easy Bar Rotary Kiln Lubricant KTL 100 Synthetic high temperature solid film lubricant for kiln tires and trunnion rollers.	Cement, Mining.
20	Gear Run-In 391 Open gear lubricating oil blended with chemical additives designed to remove asperities on open gear tooth surfaces.	Cement, Mining, Steel, Power Generation.

No.	Product	Application
EP Grease Type Products		
21	Petro Plate M5/800 EP grease containing 5% molybdenum disulfide and exhibiting 800 weld load. Meets major mining equipment OEM specifications.	Cement, Mining
22	Petro Plate HD Series Premium Calcium sulfonate EP grease with excellent high temperature performance, superb adhesion, structural stability and resistance to water contamination.	Cement, Mining, Wind, Steel, Power Generation
Graphite Gel Type Products		
23	Hi-Temp Lube 242 A unique lubricant blend of graphite, oil, and additives for traveling grate systems.	Mining, Steel.
EP Softening Lubricant Type Products		
24	Petro Kleen 140 Softening agent for open gear lubricants designed to soften and clean contaminants build up in gear tooth roots.	Cement, Cement, Steel, Power Generation.
25	Pensolv L945 Ideal plant-wide cleaning solvent that will quickly clean oils, greases and open gear lubricants.	Cement, Cement, Steel, Power Generation.
High Solids EP Grease Type Products		
26	Petro Cam Walking Cam Lubricant for drag lines with a walking mechanism that requires lubricating the rails and cams.	Mining
Water/Graphite Type Products		
27	Tire Slide Sprayable water and graphite lubricant for kiln tires and trunnion rollers.	Cement, Mining

Notes :

HIGH PERFORMANCE SPECIALITY LUBRICATION PRODUCTS



SAIF Free Zone, Office R4-52/B,
Sharjah, United Arab Emirates (UAE)
Email: contact@performanceproducts.tech
Website: www.lubricants.center