



MOSIL
LUBRICANTS

LUBRICATING GREASES




**STUBBORN
LUBRICANTS
FOR TOUGH
APPLICATION**

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LUBRICATING GREASES



Name	Technical Data	Operating Temperature	Application
ARG - 100 Acid Resistant Paste	Proprietary Soap, Synthetic oil, Yellow, Off White, Paste	°10 C to +60 C	It is extremely resistant to all types of acids and does not get affected by their presence.
ARG - 200 Solvent Resistant Grease	Proprietary Soap, Synthetic Oil, Yellow, Off White, NLGI # 1-2	0 °C to +100 °C	DT bearing, extractor bush, pumps, solvent tight conveyors, all joints, etc. In vegetable oil, solvent extraction and chemical plants.
BRB - 100 Multipurpose Moly Grease	Complex Lithium, Mineral Oil, Moly, Black to Grey Black, NLGI # 2	°20 C to +180 C	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
BRB - 400 Heavy Duty / High Temperature Grease	Lithium Complex, Mineral Oil, Moly, Black to Grey Black, NLGI # 2	°25 C to +260 C	For ball & roller bearings operating under high speed and high temperature, king pins, ball joints, gears, linkages, speed reducers, stenter fan bearings, i.d. fan bearing etc.
BRB - 500 G Non Melt / Non Drip Grease	Non-soap, Mineral Oil, Black to Grey Black, NLGI # 2	-20 °C to 250 °C	Conveyor bearings, oven chains, induced draft fan bearings, heavy duty earth moving equipments , drives, furnace door & hinges, agitator, mixers, pharmaceutical machinery, planetary mixers, multi mill etc.
BRB - 500T' High Temperature, High Speed Moly Grease	Complex Lithium, Mineral Oil, Moly, Black to Grey Black, NLGI # 2	-20 °C to +180 °C	Top roller needle bearings of draw frames in textile industries. Also recommended for all bearings operating at high speeds and moderate loads.
BRB - 575 High Speed Bearing Grease	Complex Lithium, Synthetic Oil, PTFE, Buttery White, NLGI # 2	-40 °C to 150 °C	Centralised lubrication systems, FHP motors, instrument bearings, gear couplings, internal grinders, manhot spindles, universal joints, hand-tools etc. Can also be used for lubrication of top rollers in draw frame of textile units.
BRB - 575 Super High Speed Bearing Grease	Complex Lithium, Blend of Synthetic Oil, PTFE, Beige to Dark Brown, NLGI # 2	-40 °C to 150 °C	Centralised lubrication systems, FHP motors, instrument bearings, gear couplings, internal grinders, manhot spindles, universal joints, hand-tools etc. Can also be used for lubrication of top rollers in draw frame of textile units. It's a new micro film technology.
BRB - 610 Premium Multipurpose Grease	Sulfonate Thickener, Mineral Oil, Light To Dark Brown, NLGI # 2	°15 C to +280 C	All types of plain & anti friction ball and roller bearings & bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, large mining shovels, excavators, drag lines, loaders, marine equipments etc. Recommended for all application involving heavy water ingress and contamination.
BRB - 1100 Multipurpose Moly Grease	Complex Lithium, Synthetic Oil, Moly, Drop Point - 180 °C min NLGI # 2	°40 C to +150 C	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT Cranes, forklifts and other greasing applications.
BRB - 700 Specialty High Performance Grease	Polyurea, Mineral Oil, Beige to Bright Yellow, NLGI # 2	°20 C to +230 C	All types of bearings and any similar mechanism, continuous casting and slipper type couplings, oven wagon bearings operating at elevated temperatures, bi-metallic bearings, Wire guides and slides etc

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CSR - 100 High Speed Grease	Complex Lithium, Mineral Oil, Dark Brown to Red, NLGI # 1	-20°C to +180°C	Specialty semi-fluid grease with highly stable chemical additives for high speed operations. Centralised lubrication systems, FHP motors, instrument bearings, gear couplings, Internal grinders, universal joints, hand-tools etc.
CSR - 550 Specialty Fluid Grease	Lithium, Mineral Oil, Yellow to Brown, NLGI # 000	-20°C to +120°C	Centralised lubrication systems, gear couplings, internal grinders, universal joints, hand-tools etc.
EC - 111 Electrical Contact Grease	Complex Lithium, Synthetic Oil, Beige to Light Brown, NLGI # 2	-40°C to +150°C	Battery terminals, contactors, bus bars, knife switches, large voltage regulators, OLTCS, sliding & rotary contacts, control valve pins, turret turners, volume control switches etc.
EC - 211 Electrical Contact Grease	Synthetic oil, Lithium, Beige, NLGI # 1	-40°C to +150°C	Battery terminals, contactors, bus bars, knife switches, large voltage regulators, OLTCS, sliding & rotary contacts, control valve pins, turret turners, volume control switches etc.
EC - 424 Electrically Conductive Grease	Inorganic Thickner, Synthetic Oil, Black, NLGI # 1-2	-20°C to +160°C	Electrical contacts and other linkages of circuit breaker operating at 33KV, battery terminals, contactors, starters, switches and Relays.
EC - 511 Electrical Contact Grease	Complex Lithium, Synthetic Oil, Drop Point - 180°C min. NLGI # 1	-50°C to 140°C	Contactors, sliding and rotary contacts, any other contact application where possibility of contact resistance built up exists.
FG - 100 Food Grade Grease	Calcium Soap, Food grade, Light Yellow to Brown, NLGI # 2	-25°C to +120°C	Multipurpose & can be used for all grease applications in a food processing plant where non-EP, multipurpose greases are suitable. For use wherever food and food products may be subjected to incidental contact with the lubricant. It will satisfactorily lubricate most machinery & equipment used in producing, manufacturing, packaging, processing, preparing, treating, transporting, or holding food. Suitable for plain & anti- friction bearings, slides, guides, & other moving parts. For lubrication & sealing of cocks & seals, even for lubrication of cocks in breweries. For all grease lubricated machinery in canneries, beverage bottlers.
FG - 400 High Temperature Heavy Duty Lubricant	Inorganic Thickener, Synthetic Oil, Light Yellow to Brown, NLGI # 2	-40°C to +240°C	As a grease for high temperature applications such as oven conveyor bearings, fryers, ID and FD fan etc. Can also be used for low temperature applications such as chillers, refrigeration bearings etc. Also recommended for centralized lubrication systems for all the conveyors, rollers, bearings etc. in food and pharma industry.
FG - 400 HT High Temperature Heavy Duty Grease	PTFE, PFPE Oil NLGI # 2	-20°C to +250°C	It has very good oxidation resistance at high temperature and is fortified with solid lubricants to provide necessary protection against boundary lubrication conditions. It is an excellent choice for all high temperature applications in food and pharma industry as all the ingredients conforming to the requirements of 21 CFR 178.3570.
SAM - 8500 Extreme Purpose Grease	Multi Complex Soap, Mineral Oil, Beige to Brown, NLGI # 2-3	-30°C to +190°C	Specifically recommended for automotive & electronic components operating at lower temperatures and in presence of high moisture. Also recommended for plain and anti friction ball and roller bearings and bushings, rack and pinion, small gears, linkages, slides, universal joints, etc. Also recommended for various applications in textile plants operating under extremes of temperatures and very high degree of moisture, steam etc.

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SAM - 9140 Long Life Grease	PFPE/PTFE, White to Light Brown, NLGI # 2	-20°C to +250°C	Specially suitable for re-lubrication of load rollers, turn rollers & chain wheel bearings in conveyors & rolling bearings subject to high loads which were initially lubricated with, can also be used for the re-lubrication of grease-lubricated fabric conveyor chains in textile machinery. Also suitable for the lubrication of contacts in high-voltage switches. For long-term or lifetime lubrication of rolling and plain bearings subject to high temperatures, and for slide ways in tyre moulds. For lubrication of electric motors, driers, calenders, kiln carts, fans, baking machinery, continuous particle board & laminate presses, vacuum pumps, film stretching machinery.
SAM - 2020 High Speed Bearing Grease	Complex Lithium, Synthetic Oil, PTFE, Buttery Pinkish to Beige, NLGI # 2	-40°C to +150°C	Centralised lubrication systems, FHP motors, instrument Bearings, gear couplings, internal grinders, manhot spindles, universal joints, hand-tools etc. Top rollers needle bearings of draw frames in textile industries.
SAM - 2450 Silicone Mould Release Compound	Silicone Oil, Inorganic Thickner, White, Translucent, NLGI # 3	-10°C to +250°C	As a mould release agent for all types of plastics, rubbers, Metals, ceramics, epoxies, etc.
SAM - 2410 Multifunctional Silicone Compound	Silicone Oil, Inorganic Thickner, White Translucent, NLGI # 3	-30°C to +250°C	In high vacuum systems, laboratory and industrial stop-cocks for chemical duty, sealant for air-lines control valves and pneumatic systems.
SAM - 5075 Extreme Temperature Heavy Duty Grease	Inorganic Thickner, Synthetic Oil, Black, NLGI # 2	-14°C to +180°C (Continuous Operation) -14°C to +220°C (Intermittent Operation)	This grease is recommended for conveyor bearings, oven chains, Induced draft fan bearings, splines, screws, drives, furnace door & hinges, agitator, mixers, pharmaceutical machinery, planetary mixers, multi mill etc, etc. It also offers good pumpability and mechanical stability suitable for centralised lubrication systems.
SAM - 5100 Premium Multipurpose Grease	Lithium Calcium Complex, Mineral Oil, Light Beige To Brown, NLGI # 2-3	-2°C to +120°C	All types of plain and anti friction ball & roller bearings & bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
SAM - 2001 Multipurpose Teflon Grease	Lithium Complex, Mineral Oil, PTFE, Light Green, NLGI # 2	-20°C to +190°C	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, linear bearings, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
GM -00 Multipurpose Grease For Plain & Antifriction Bearings	Complex Lithium, Mineral Oil Brown, NLGI # 2	-20°C to +180°C	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
GM - 400s High Performance Grease	Lithium Complex, Mineral Oil, Drop Point - 260°C min NLGI # 2	-20°C to +240°C	All types of plain and anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.

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Name	Technical Data	Operating Temperature	Application
GM - 707M High Temperature Grease	Synthetic Oil, Inorganic Thickner, Black, NLGI # 1 - 2	-30°C to +220°C	Specially recommended for bearings exposed to high temperatures such as in furnaces, rotary kilns, hot air fans, conveyor systems etc.
GS - 65 Dielectric Sealant- Cum-Lubricant	Silicon Oil, Inorganic Thickner, Light gray, Translucent, NLGI # 2-3	-50°C to +200°C	As a dielectric sealant / lubricant for electrical insulators, battery terminals, cable and cable connectors, EHT connections, electronic components & Ignition systems of automobile, plastic and rubber components.
HVG - 200 High Vacuum Grease	Silicone Oil, Inorganic Thickner, Light Grey Translucent, NLGI # 3	-40 °C to +250 °C	In high vacuum systems, laboratory & industrial stop-cocks for chemical duty, sealant for air-lines control valves & pneumatic systems. mould release agent to epoxy, polystyrene, PVC & other thermoplastics.
ML - 160 Specialty Multipurpose Grease	Complex soap-based, Beige to Dark Brown, NLGI # 2	-25 °C to +160 °C	All types of plain & anti friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralised lubrication systems, electric motors, pumps, EOT cranes, forklifts and other greasing applications.
ML - 600 Extreme Duty Grease	Complex Lithium, Synthetic Oil, Mineral Oil NLGI # 2	-20°C to +120°C	All types of roller bearing elements, centralised lubrication systems, gear couplings, slides, guides etc.It is a high performance water resistant extreme duty grease specially formulated with highly stable chemical additives for slow to medium speed operations operating under severe loads.
ML - 6502 Heavy Duty Grease	Aluminum Complex, Mineral Oil, Beige To Dark Brown, NLGI # 2	-15°C to +160°C	Enclosed and open gear boxes (leaky gear boxes in Industrial and fleet applications that are difficult to service), various gear boxes in automotive and Industrial applications such as steering gears, rotary mower gear boxes, conveyor drive gear boxes, underground mine pressure gear systems, mobile Drilling equipments, esclator slide rails, paper folding machinery etc .
PSR - 200 Multipurpose Fluid Grease	Complex Lithium, Synthetic Oil, Beige, NLGI # 00	-40°C to +160°C	Centralised lubrication system of offset printing presses, internal grinders, worm gears, gear couplings, universal joints, instrument bearings etc. High speed lubricant for small sized gears in hand tools, drive shafts and all other type of equipments with close tolerances.
PMG - 60 Extreme Temperature/Heavy	Moly / Synthetic, Black, NLGI # 1	-30°C to +425°C	Slow moving parts subjected to very heavy loads and temperature like journal bearings, oven chains, turntables, Soot blowers, furnace doors, etc. Taps, valves and cocks
SN - 12 Multifunctional Silicone Grease	Complex Lithium, Silicone Oil, Light Beige, NLGI # 2	-40°C to +200°C	All types of anti-friction ball and roller bearings, sleeve bearings & needle bearings operating under very high speeds & high temperatures. For Steam joints & Submersible pump bearings, water turbines, conveyor systems, electric motors of class "H" insulation's. Washing machines, domestic appliances, portable air coolers etc.
SN - 33 Low Temperature Silicone Grease	Complex Lithium, Silicone Oil, Light Beige, NLGI # 2	-70°C to +180°C	Anti-friction ball bearings, conveyor equipments, motors, freezer card caster, electric clock motors, optical & surgical equipments. Pneumatic and hydraulic cylinders etc. Aircraft Instruments, meters, control cables etc. where low torque at low temperature is required.

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SN - 41 High Temperature, Heavy Duty Silicone Grease	Inorganic Thickener, Silicone Oil, Moly, Black NLGI # 2	-18°C to +300°C	All types of anti-friction ball and roller bearings operating at medium speeds & very high temperatures, governor linkages, ball and sockets, switch gears, contactors, OLTCS etc.
SN - 45 Silicone Mould Release Compound	Inorganic Thickener, Silicone Oil, White, NLGI # 2	-40°C to +200°C	As a mould release agent for all types of plastics, rubbers, metals, ceramics, epoxies, etc.
SN - 64 Low Temperature Synthetic Grease	Complex Lithium, Synthetic Oil, Light Beige, NLGI # 2	-60°C to +150°C	Anti-friction ball bearings, ammonia handling machineries and equipments, conveyor equipments, motors, freezer card caster, aircraft instruments, meters, plastic gears, plastic parts involving sliding mechanism, plastic to metal lubrication etc.
SN - 4012 Low Temperature Lubricant	Synthetic Polymer Light to Dark Brown, NLGI # 1-2	-60 °C to 200 °C	Ideally suitable for low temperature applications involving sliding & rotating motion. Excellent lubricant for applications involving hydrogen sulphide corrosion.
SN - 5120 Premium High Temperature Grease	Synthetic Oil / Lithium Complex, Beige to Light Brown, NLGI # 2	-35 °C to 220 °C (continuous) -35 °C to 250 °C (for short duration)	Anti-friction ball bearings operating under extremely high temperatures and medium to high speeds such as in oven conveyors, paint shop conveyors, defence equipments etc.
SN - 6502 Heavy Duty Grease	Aluminum Complex, Synthetic Oil, Beige to Dark Brown, NLGI # 2	-35°C to +160°C	Enclosed and open gear boxes (leaky gear boxes in industrial & fleet applications that are difficult to service), various gear boxes in automotive & industrial applications such as steering gears, rotary mower gear boxes, conveyor drive gear boxes, underground mine pressure gear systems, mobile drilling equipments, escalator slide rails, paper folding machinery etc .
SN - 8120 Specialty Boundary Lubrication Grease	Synthetic Oil / Lithium Complex, Beige to Light Brown, NLGI # 2	-40°C to +220°C	Anti-friction ball bearings operating under heavy loads and low to medium speeds. Can be used for rotating contacts subjected to sliding motion under heavy loads and vibration etc. Ideal for plastic parts involving sliding mechanism, plastic to metal lubrication etc.
SN - 3320 Low Temperature Plastic Grease	Lithium Complex, Synthetic Oil Beige to Light Brown NLGI # 2	-30°C to + 220 °C	Anti-friction ball bearings operating under heavy loads and medium speeds, aircraft Instruments and other aviation applications involving of extremes of temperatures, conveyor equipments, motors, plastic parts involving sliding
SN - 2120 Premium Synthetic Grease	Complex Lithium, Synthetic Oil Beige to Light Brown NLGI # 2	-50°C to + 150 °C	Anti-friction ball bearings, ammonia handling machineries and equipments, conveyor equipments, motors, freezer card caster, aircraft instruments, meters, plastic gears, plastic parts involving sliding mechanism, plastic to metal lubrication etc.
WP - 100 SF Open Gear Lubricant	Complex Soap, Mineral Oil Black to Grey NLGI # 00	-25 °C to +150 °C	Recommended for lubrication of jack up rig leg rack and pinion assembly. Also recommended for slow moving heavily loaded bearings, wire ropes, chains, open gears, racks and pinions, draglines, cranes, conveyors, elevator plungers, hoisting engines, winches and other equipment exposed to water and weather.
WP - 100 OG Open Gear Lubricant	Inorganic Thickener, Mineral Oil, Moly, Greyish Black, NLGI # 1	-20°C to +150°C	Slow moving heavily loaded plain & antifriction bearings, wire ropes, chains, draglines, cranes, conveyors, elevator plungers, hoisting engines, winches and other equipment exposed to water and weather.

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PRODUCT SELECTION GUIDE

APPLICATION	PRODUCT
Antiseize Paste / Threads Compound	
Extreme Load	GM - 50
High Temperature	NS - 468
Rust & Corrosion	METAPLAT
Multi Purpose	AS - 352 / GM - 1000
Solid Free High Temperature	AS - 470 / AS - 475
Heavy Load (White Colour)	SAM - 2200
High Speed CNC Chuck Lubrication	N - 3 Paste
Food Grade Antiseize Compound	FG - 100 as
Grease	
High Temperature	BRB - 400 / BRB - 700 / GM - 707 M / SN - 41 / SN - 5120 / SAM - 9140 / BRB - 500 G / PMG - 60 / GM - 400s / SAM - 5075
High Speed (Spindle Lubrication)	BRB - 575 Super / BRB - 575
High Speed (Ball Bearing)	CSR - 100 / SAM - 2020
Heavy Load	BRB - 200 / SAM - 2800 / SN - 8120 / SAM - 2850
Water Resistant	BRB - 610 / ML - 6502 / ML - 600
Steam Resistant	BRB - 610 / SN - 12
General Purpose	BRB - 100 / SAM - 2001 / BRB - 1100 / GM - 00 / ML - 6502 / GM - 400 / ML - 160
Alkali Resistant	SAM - 8500
Low Temperature	SN - 12 / SN - 33 / SN - 4012 / SN - 3320
Plastic Compatible	WSR - 400 / SN - 64 / SN - 3320 / SN - 2120
General Purpose Corrosion Resistant	SAM - 5100
Dust / Dirt / Fluffy Atmosphere	BRB - 500 T
High Vacuum Grease	HVG - 200 / SAM - 2410
Solvent Resistant Grease	ARG - 200
Open Gear Lubrication	WP - 100 OG / WP - 100 SF
Wire Rope Lubrication	WR - 100
Enclosed Gear Box / Geared Motors (Grease Lubricated)	ML - 6520 / CSR - 550
Dielectric Compound	GS - 65
Electrical Conductive Grease / Battery Terminal Lubricant	EC - 424
Electronic Contact Lubrication	EC - 111 / EC - 211 / EC - 511
Food Grade General Purpose	FG - 100
Food Grade High Temperature	FG - 400 / FG - 400 HT
O Ring Lubrication	SN - 12 / FG - 400 / SAM - 2420
Biodegradable Grease	ML - 801
Silicone Mould Release Compound	SAM - 2450 / SN - 45
Acid Resistant Paste	ARG - 100
Gear Coupling	LG - 200 SPL
ERW Welding Machine (Seam Welding)	WP - 300
Multipurpose Fluid Grease	PSR - 200

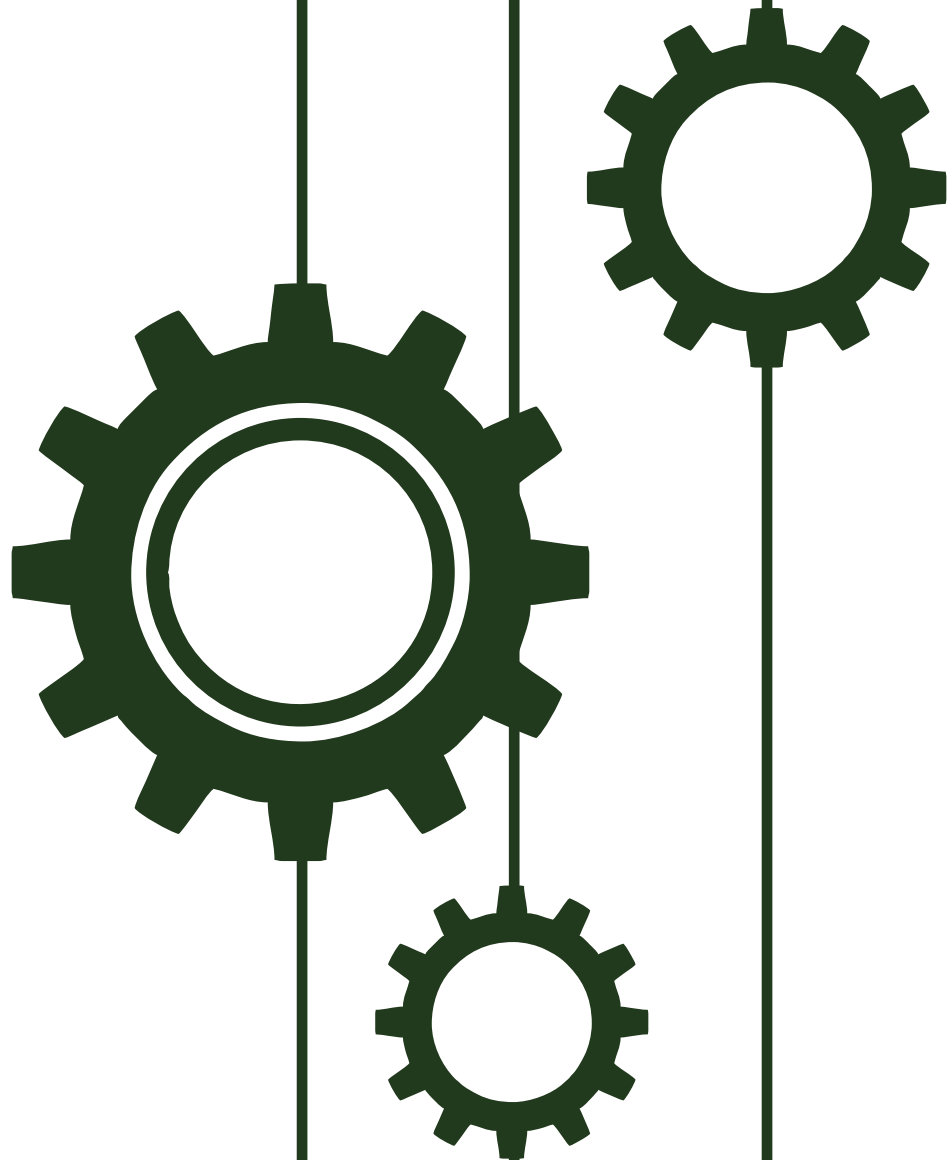
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Oil Lubrication	
High Temperature Chain Oil	VHT - 220 Premium / VHT - 300 / VHT - 300 #100
Adhesive Chain Oil	VHT - 110
Tacky Chain Lubrication	SAM HT - 4800
Non Carbonizing Moly Dispersion	SAM HT - 450 M
Synthetic Gear Oil	Gearlube SP 'S' Series / Gearlube PAG Series Gearlube 'SPG' Series
Food Grade Lubricating Oil	FGL Series
Hydraulic Oil	HL Series / Hylube Series
Washable Oil for Needle Lubrication	WS - 22 / WS - 32
Silicon Oils	IT - 100 Series
Colloidal Graphite in Oil	OD - 800 / OD - 850
Colloidal Graphite in Water	WD - 800
Cleaners & Degreaser	
Water Base Cleaner	DG - 202 / NTKOR - 9621 / NTKOR - 9625 / NTKOR - 9628
Solvent Base Cleaner	DG - 500
Solvent Emulsion Cleaner	DG - 281
Bio Degradable Cleaner	DG - 302 / NTKOR - 6060
Rust Remover	REM - 400
Cardium Cleaner	DG - 330
Rust Preventives	
Dewatering Type	DW - 79 / NTKOR - 2307 / NTKOR - 4023
Rust Converter	RCH - 100
Wax Base Coating	RPH-3860 / NTKOR-4826 / RPH-3860 / DW - 6294
Water Base Rust Preventive	RPH - 3990 / NTKOR - 609
Solvent Based Medium Term Rust Preventive	NTKOR - 1302 / NTKOR - 1410 / NTKOR - 1320 NTKOR - 2040
Coatings	
Acid Resistant Coating	ARCOAT
Dry Coating - Clear	RPH - 3870 / RPH - 3877 Special
Heat Resistant Anticorrosive Coating	HTP - 600
Peelable Coating	RPH - 3840
Zinc Aluminum Base Coating	ZS - 44
Antifriction Moly Coating	Mosilbond - 100 / Mosilbond - 321
Antifriction Graphite Coating	Graphikote XX

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