

CATEGORY	PRODUCT	COMMENTS	TYPE
OPEN GEAR LUBRICANTS			
Draglines & Shovels	Gearmate® 1000	Open gears, house rollers, large bearings	Lithium grease
Hydraulic Shovels (Slew Ring)	Gearmate® 1000	Approved by Komatsu	Lithium grease
Kilns	BMG-6000	Heavy duty lubricant for use on ball mills	Clay thickened
Kilns	Envirolube® XE & Envirolube® XE Extreme	For high load; spent lubricant does not harden	Non-asphaltic fluid
Kilns	Gearmate® 1000	Use heavy and extra heavy grades only	Lithium grease
Kilns	SurStik® 800 (grease)	Use heavy and extra heavy grades only	Aluminium complex grease
Sugar Mills	MillGuard™	For open gears and bushings	Petroleum resin/solid lubricants
PENETRATING OIL			
Food Grade	Medallion™ Penetrating Chain Oil	Bulk, aerosol, & non-aerosol cans	Group II mineral oil
Non-Bladder	1001 Multi-Purpose Lubricant	Sprays 10 feet (3 meters)	Group II mineral oil
Industrial	Mechanics Thread Loosener	Available in aerosol cans & in bulk	Group II mineral oil
RAIL PRODUCTS			
Gauge Face Grease;	BioRail®	Premium performance. Biodegradable	Calcium Sulfonate
Gauge Face Grease	RailArmor®	Superior rail curve grease	Lithium
Gauge Face Grease	Railmaster® LFG	Uses graphite in place of MoS ₂	Lithium with graphite
Gauge Face Grease	Trackmate™	Economy grade	Lithium
Gauge Face Grease (Spray)	BioRail® EP 00	Approved by REBS and Bijur-Delimon	Calcium sulfonate
Gauge Face Grease (Spray)	On-Board RCG 000	Can be used down to –45°F (-42°C)	Bentone clay
Hump Yards	PF-35	Prevents stop-shorts. Reduces noise	Mineral oil
Switch Plate Lubricant	SwitchArmor®	Dries in 30 minutes at 70°F (20°C)	Graphite
Switch Plate Lubricant	SwitchArmor® Aerosol	Aerosol dry film	Graphite
Switch Plate Lubricant	EZ Switch®	Apply using garden type sprayer	Fluid with graphite
Switch Plate Lubricant	BioSwitch™	Apply using garden sprayer. Biodegradable	Fluid with graphite
Top of Rail	TOR Armor®	Reduces lateral forces, noise and wear	Friction Modifier
SYNTHETIC LUBRICANTS			
Chain Lubricant High Temp	Decathlon™ HTC Series	No residue at high temperatures	Synthetic ester
Compressor Oil	Decathlon™ HC & PG Series	HC is PAO synthetic. PG is glycol type	Synthetic PAO and glycol
Gear Oil	Decathlon™ Extreme	Meets Hitachi requirements	Synthetic PAO
Gear Oil	Decathlon™ F	Approved by Flender	Synthetic PAO
Gear Oil	Decathlon™ HD	Certified by Bucyrus (CAT)	Fully synthetic PAO oil
Grease	Legacy™ M. or Legacy™ EP	Pumpable to –45°F (-43°C)	Synthetic PAO
Open Gear	Decathlon™ Gold	For open gears on Ball Mills, etc.	Synthetic PAO + polymer
SUGAR MILLS			
Bushings and open gears	MillGuard™	World leader in preventing bushing wear	Very high viscosity mineral oil base
Very large gearboxes	Eutectic™ 5000	Very high viscosity (5,000 cSt @ 40°C)	Mineral oil
TIRE SEALANT			
Tire Sealant	Puncture Seal HD	Seals puncture holes as they occur	Put into tire, mount tire, drive
WIRE ROPE LUBRICANTS			
Biodegradable	Earthkeeper® WRL	Based on vegetable oils; dyed green	Readily biodegradable
Dragline Drag Ropes	Drag Rope Lubricant	Protects rope and sheaves	Asphaltic base
Penetrating	Wire Rope Lubricant	Available in bulk and in aerosol cans	Naphthenic base oil
Recycled Oil	Renew 20 & Renew 30	Economic alternative	Mineral oil



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PERFORMANCE LUBRICANTS PRODUCT FINDER

CATEGORY	PRODUCT	COMMENTS	TYPE
ABSORBENT (BIOREMEDIATION AGENT)			
Oil & Grease Spills	WhitZorb®	Absorbs and remediates oil and grease spills	Wood-based carrier medium
AEROSOLS & SPRAYS			
Chain Oil	Open Chain Lubricant	Clear colored penetrating spray	Mineral oil
Citrus Based Cleaner / Degreaser	Citrus Select®	Dissolves grease; repels insects	d'Limonene (citrus extract)
Industrial Dry Film Lubricant	Moly Dry Film Lubricant	Creates a hard-to-remove lubricating film	MoS ₂ (molybdenum disulfide)
Food Grade Lube	Medallion™ Penetrating Chain Oil	NSF H-1; also good for chain lubrication	Bladder or non-bladder spray can
Open Gear	Surtac® 2000	Forms a dense black coating on gears	Sprayable gear grease
Open Gear	Handi-Lube®	For very heavily loaded gears	Asphaltic base
Penetrating Oil	1001 Multi-Purpose Lubricant	Multi-purpose lubricating oil in a can	Powerful non-bladder spray can
Rail Switch Dry Film Lubricant	SwitchArmor®	Dries fully to form a protective layer	Graphite dry film
Wire Rope Oil	Wire Rope Lubricant	Clear color. Penetrates rope strands	Mineral oil
ANTI-SEIZE COMPOUNDS			
Copper Based Anti-Seize	Kopper Plate	Use up to 1800°F (980°C)	Aluminum complex
Drill Rod Anti-Seize	Drill Steel Lubricant	Contains graphite, copper & MoS ₂	Aluminum complex
Food Grade	Medallion™ White Anti-Seize	NSF H-1 approved	Aluminum complex
AVIATION CLEANERS			
Cleaner/Degreaser	Aviation Cleaner & Degreaser	HAPS-Free; Approved: Boeing D6-17487	Water-based detergent
Dry Wash	Aviation Dry Wash	Zero VOC, HAPS-Free; Can be used as wet wash	Water-based detergent
Wet Wash	Aviation Wet Wash	Zero VOC, HAPS-Free; Shortens cleaning time	Water-based detergent

Category	Product	Comments	Type
Biodegradable Lubricants			
Grease (bearings)	Earthkeeper® EP	Robust, long life extreme pressure grease	Calcium sulfonate + BioSynBlend™
Grease (rail curves)	BioRail®	For lubrication of gauge face on rail curves	Calcium sulfonate + ester oil
Hydraulic Oil	Earthkeeper® Hydraulic Oil	Dyed green to minimize sheen on water	BioSynBlend™ oil
Open Gear	Earthkeeper® OGL	Robust protection for highly loaded open gears	Lithium + BioSynBlend™ oil
Rail Switch	BioSwitch™	Pourable and sprayable	Fluid with graphite
Wire Rope Oil	Earthkeeper® WRL	Readily biodegradable anti-wear wire rope oil	BioSynBlend™ oil
Bushing Lubricants			
Cement Kiln Trunnions	Decathlon™ PAG	For slow speed, high load, high temp	Polyalkylene glycol
Sugar Mills	MillGuard™	For bushings and open gears	Petroleum resin
Cement Mill Speciality Lubricants			
Kiln Stop Blocks	WBL-52	For filler bars, riding rings, and stop blocks	Graphite in water-based gel
Kiln Trunnion Bearings	Decathlon™ PAG	Withstands high temperature and pressure	Fully synthetic oil
Chain Lubricants			
Biodegradable	Earthkeeper® WRL	Suitable for wire ropes and chains	BioSynBlend™ oil
Food Grade	Medallion™ Penetrating Chain Oil	Also available in aerosol cans	Mineral oil
High Temp	Decathlon™ HTC Series	No residue on chains; anti-wear	Synthetic oil
Petroleum Based	Open Chain Lubricant	Also available in aerosol cans	Mineral oil
Cleaners & Degreasers			
Citrus Based Cleaner/Degreaser	Citrus Select®	Dissolves grease; repels insects	d'Limonene
Gearbox Cleaner	GearClean™	Add it 48 hours before changing oil	Non-foaming detergent/dispersant
Compressor Lubricants			
Ammonia Systems	Refrigeration Compressor Oil	Also for CFC and HCFC systems	Naphthenic oil
Food Grade	Medallion™ Syn Air Compressor Oil	NSF H-1 & Kosher approved	PAO synthetic oil
Glycol Type	Decathlon™ PG	Use where polyglycol type is required	Synthetic
Mineral Oil Based	Hyperion™	Based on hydrotreated mineral oil	Group II mineral oil
PAO Type	Decathlon™ HC	Use where PAO is required	Synthetic
Synthetic Blend	Hyperion™ Synthetic Blend	Hydrotreated mineral oil with PAO	Group II + PAO
Dry Film Lubricant			
Industrial Dry Film Lubricant	Moly Dry Film Lubricant	Dries quickly to form a robust film	Molybdenum disulfide
Rail Switch Dry Film	SwitchArmor™	Also available in aerosol	Graphite
Food Machinery Lubricants			
Air Compressor Oil	Medallion™ Syn Air Compressor Oil	NSF H-1 & Kosher approved	Synthetic PAO
Anti-Seize Compound	Medallion™ White Anti-Seize	NSF H-1 & Kosher approved	Aluminum complex
Gear Oil	Medallion™ FM Gear Oil	NSF H-1 & Kosher approved	Group II mineral oil
Grease	Medallion™ FM Grease	NSF H-1 & Kosher approved	Aluminum complex
Grease	Medallion™ Supreme CSC	NSF H-1 & Kosher approved	Calcium sulfonate complex
Hydraulic Oil	Medallion™ FM Hydraulic Oil	NSF H-1 & Kosher approved	Group II mineral oil
Penetrating Oil	Medallion™ Penetrating Chain Oil	NSF H-1 & Kosher approved	Group II mineral oil
Gear Oils			
Food Grade	Medallion™ FM Gear Oil	NSF H-1 & Kosher approved	Group II mineral oil
Gearbox Cleaner	GearClean™	Add it 48 hours before changing oil	Non-foaming detergent/dispersant
Heavy Duty	Paragon™	For severely loaded gears	Mineral oil
Heavy Duty Plus	Paragon™ Gold	For the most severely loaded gears	Mineral oil
Semi-Synthetic	GF-Series™ (GF-365)	Long life and high wear protection. Low Foam	Mineral oil & PAO synthetic
"Stop Leak"	Innerseal™	Additives block leaks in gearbox	Mineral oil
Synthetic	Decathlon™ Extreme	Meets Hitachi requirements	Fully synthetic PAO
Synthetic	Decathlon™ F	Approved by Flender	Fully synthetic PAO
Synthetic	Decathlon™ HD	Certified by Bucyrus (CAT)	Fully synthetic PAO

Category	Product	Comments	Type
Greases			
Automotive	*Omnilith™ GL	For wheel bearings and chassis. GC-LB quality	Lithium complex
Biodegradable	*Earthkeeper® EP	High performance extreme pressure grease	Calcium sulfonate/vegetable oil
Caterpillar Spec Grease	Caliber™ 3M & 5M	Contains 3% or 5% moly (MoS ₂)	Lithium complex
Chemical Resistant	Matrix® EP	Resists acids & alkalis	Calcium sulfonate complex
Contractor Grease	Caliber™ 3M & 5M	Meets the old CAT specification	Lithium complex w/3% or 5% MoS ₂
Coupling Grease	Vortex™	For all greased couplings; no oil bleed	Lithium-polymer dual thickener
Earthmoving Machines	Caliber™ 3M & 5M	Meets the old CAT specification	Lithium complex
Earthmoving Machines	Caliber™ 460 M	Approved by Komatsu	Lithium complex with solids
Earthmoving Machines	Caliber™ Blue EP	Approved by Komatsu	Lithium-calcium dual thickener
Earthmoving Machines	Caliber™ XR	Approved by Komatsu	Lithium w/polymer + MoS ₂
Earthmoving Machines	Matrix® LC	Approved by Komatsu	Calcium sulfonate complex
Electric Motor Bearings	Matrix® EP or Matrix® LC	Long life in electric motor bearings	Calcium sulfonate complex
Food Grade	Medallion™ FM Grease	NSF H-1 & Kosher approved	Aluminum complex
High Temp	Matrix® EP	Use up to 400° F (200°C)	Calcium sulfonate complex
High Temp	Omnitemp®	Use up to 400° F (200°C)	Bentonite
High Temp	Novatemp™	Up to 750° F (400°C) as a dry lubricant	Graphite
High Temp	DET-900	Up to 535° F (300°C)	PFPE oil & PTFE thickener
High Temp	Caliber™ 460 M	Continuous casters, etc.	Lithium complex
Low Temp (pumpable)	Legacy™ M. or Legacy™ EP	NLGI 1; pumps down to -45°F (-43°C)	M-EP contains graphite and moly (MoS ₂)
Low Temp (pumpable)	Novagard®	Pumpable to -45°F (-43°C)	Aluminum complex
Multipurpose	Matrix® EP	Robust, EP grease; for use up to 400°F (200°C)	Calcium sulfonate complex
Multipurpose	Matrix® LC	Matrix® "light" for higher speed bearings	Calcium sulfonate complex
Multipurpose	Omnilith™ 500	EP grease for use up to 350°F (175°C)	Lithium complex
Multipurpose	Omnilith™ 360	EP grease for use up to 210°F (100°C)	Lithium
Extreme Pressure Grease w/MoS ₂	Caliber™ 460 M	Used in continuous casters	Lithium Complex
Heavy Duty Grease (Bearings)	Caliber™ XR	For work roll bearings	Lithium with polymer + MoS ₂
Extreme Pressure Grease	Matrix® EP	Best overall roll stand grease.	Calcium sulfonate complex
Heavy Duty Grease (Bearings)	Onyx™	Best water resistance on roll stands. Slow speeds	Calcium sulfonate complex
Synthetic	Legacy™ M. or Legacy™ EP	NLGI 1; pumps down to -45°F (-43°C)	M-EP contains graphite and moly (MoS ₂)
Water Resistant	Matrix® EP	Resists water & acids; stops rust	Calcium sulfonate complex
Water Resistant	Moly P	Used on jack-up legs on offshore oil rigs	Lithium-calcium dual thickener
Water Resistant	Onyx™	Resists direct water spray	Calcium sulfonate complex
Hydraulic Oils			
Biodegradable	Earthkeeper® Hydraulic Oil	Readily biodegradable oils; dyed green	BioSynblend™ oil
Food Grade	Medallion™ FM Hydraulic Oil	In grades 32 to 100; H-1 & Kosher	Group II mineral oil (food grade)
Petroleum	Hyperion™	Long life, low deposits	Group II mineral oil
Synthetic Blend	Hyperion™ Synthetic Blend	Use below 190°F (88°C)	Group II & PAO
Mining Specialities			
Monighan Cams	Whitcam®	Suitable down to –20°F (-30°C)	Bentone clay
Monighan Cams	Whitcam® NH	Halid-free product	Lithium
Monighan Cams	Whitcam® Extreme Pumpable	Darker coating than Whitcam	Lithium
Slide Boxes	Whitslide® Extreme	Use on Bucyrus 2500 series slide boxes	Asphalt and polymer
Open Gear Lubricants			
Ball Mills	Envirolobe® & Envirolobe® Extreme	Asphalt based with high EP performance	Asphaltic base
Ball Mills	Envirolobe® XE & XE Extreme	For high load; spent lubricant does not harden	Non-asphaltic polymer base
Ball Mills	Decathlon™ Gold	For medium and small size mills	High viscosity synthetic fluid
Ball Mills	BMG-6000	Heavy duty lubricant for use on ball mills	Clay thickened
Ball Mills	Gearmate® 1000	Heavy duty lubricant for use on ball mills	Lithium thickened
Ball Mills	SurStik® 800	Heavy duty lubricant for use on ball mills	Aluminum complex thickened
Ball Mills	GearArmor™	High performance at economical price	Lithium thickened
Draglines	Surtac® 2000	For open gears, house rollers	Bentone clay thickened
Draglines & Shovels	SurStik™	Open gears, house rollers, large bearings	Aluminum complex thickened
Draglines & Shovels	SurStik® 800	Open gears, house rollers, large bearings	Meets CAT specification

*Ask about availability