

# PERFORMANCE LUBRICANTS PRODUCT FINDER

CATEGORY	PRODUCT	COMMENTS	TYPE
<b>AEROSOLS &amp; SPRAYS</b>			
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-Mist™	Creates a hard-to-remove lubricating film	MoS2 (Molybdenum Disulphide)
Food Grade	Medallion™ Penetrating Chain Oil	Nsf H-1. Excellent chain lubricant	Aerosol or non-aerosol can
Lubricating Oil	1001™	Multi-purpose lubricating oil in a can	Powerful non-aerosol spray can
Open Gear	Surtac® 2000	Forms a dense black coating on gears	Sprayable clay-based grease
Open Gear	GearMate® 1000	For very heavily loaded gears	Sprayable gear grease
Penetrating Oil	Mechanics Thread Loosener	Super penetrant and anti-rust	Light mineral oil
Wire Rope Oil	Wire Rope Lubricant	Penetrates rope strands	Mineral oil
<b>ANTI-SEIZE COMPOUNDS</b>			
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 & MoS2 (Molybdenum Disulphide)	Aluminum complex
Food Grade	Medallion™ White Anti-Seize	NSF H-1 & Halal	Aluminum complex
<b>BIODEGRADABLE</b>			
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
Rail Switch	BioSwitch™	Pourable and sprayable	Fluid with graphite
Wire Rope Oil	Earthkeeper® WRL	Readily biodegradable anti-wear wire rope oil	BioSynBlend™ oil
<b>BUSHINGS</b>			
Cement Kiln Trunnions	Decathlon® PAG	For slow speed, high load, high temp	Polyalkylene glycol
Sugar Mills	MillGuard™	For bushings and open gears	Petroleum resin

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<b>CEMENT MILLS</b>			
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
Friction-Driven Kiln	Whitmore® Solid Stick Friction Modifier	Causes tire and roller surfaces to grip	Use in spring-loaded applicator
Kiln Tire Solid Lubricant	Whitmore® Solid Stick Lubricant	Low consumption solid lubricant	Use in spring-loaded applicator
<b>CHAIN LUBRICANTS</b>			
Biodegradable	Earthkeeper® WRL	Suitable for wire ropes and chains	BioSynBlend™ oil
Food Grade	Medallion™ Penetrating Chain Oil	Available in aerosol cans & bulk	Mineral oil
High Temp	Decathlon® HTC Series	No residue on chains; anti-wear	Synthetic oil
Petroleum Based	Open Chain Lubricant	Available in aerosol cans & bulk	Mineral oil
<b>CLEANERS &amp; DEGREASERS</b>			
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
<b>COMPRESSORS</b>			
Ammonia Systems	Refrigeration Compressor Oil	Also for CFC and HCFC systems	Naphthenic oil
Food Grade	Medallion™ Synthetic Air Compressor Oil	NSF H-1 & Kosher	PAO synthetic oil
Mineral Oil Based	Hyperion™	Based on hydrotreated mineral oil	Group II mineral oil
PAO Type	Decathlon® HC	Use where PAO is required	Synthetic
<b>DRY FILM LUBRICANT</b>			
Industrial Dry Film Lubricant	Moly Dry Film Lubricant	Dries quickly to form a robust film	MoS2 (Molybdenum Disulphide)
<b>FOOD MACHINERY LUBRICANTS</b>			
Air Compressor Oil	Medallion™ Synthetic Air Compressor Oil	NSF H-1, Kosher & Halal	Synthetic PAO
Anti-Seize Compound	Medallion™ White Anti-Seize	NSF H-1 & Halal	Aluminum complex
Gear Oil	Medallion™ FM Gear Oil	NSF H-1, Kosher & Halal	Group II mineral oil
Grease	Medallion™ FM Grease	NSF H-1, Kosher & Halal	Aluminum complex
Grease	Medallion™ Supreme CSC	NSF H-1, Kosher & Halal	Calcium sulfonate complex
Hydraulic Oil	Medallion™ FM Hydraulic Oil	NSF H-1, Kosher & Halal	Group II mineral oil
Penetrating Oil	Medallion™ Penetrating Chain Oil	NSF H-1, Kosher & Halal (Available in aerosol cans & bulk)	Group II mineral oil
<b>GEAR OILS</b>			
Food Grade	Medallion™ FM Gear Oil	NSF H-1, Kosher & Halal	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	Paragon™ Synthetic Blend	Long life. 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
<b>GREASES</b>			
Caterpillar Spec Grease	Caliber® 3M & 5M	Contains 3% or 5% MoS2 (Molybdenum Disulphide)	Lithium complex
Chemical Resistant	Matrix® EP	Resists acids & alkalis	Calcium sulfonate complex
Contractor Grease	Caliber™ 3M & 5M	Meets the old CAT specification	Lithium complex with 3% or 5% MoS2 (Molybdenum Disulphide)
Coupling Grease	Vortex™	For all greased couplings; no oil bleed	Lithium-polymer dual thickener
Earthmoving Machines	Caliber® 3M & 5M	Meets the old CAT specification	Polyalkylene glycol
Earthmoving Machines	Caliber® 460 M	Approved by Komatsu	Petroleum resin
Earthmoving Machines	Caliber® Blue EP	Approved by Komatsu	Graphite in water-based gel
Earthmoving Machines	Caliber® XR	Approved by Komatsu	Fully synthetic oil
Electric Motor Bearings	Matrix® EP	Approved by Komatsu	Calcium sulfonate complex
Food Grade	Medallion™ FM Grease	NSF H-1, Kosher & Halal	Aluminum complex
Food Grade	Medallion™ Supreme CSC	NSF H-1, Kosher & Halal	Calcium sulfonate complex
High Temp	Matrix® EP	Use up to 400° F (200°C)	Calcium sulfonate complex

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<b>GREASES</b>			
High Temp	Omnitemp®	Use up to 400° F (200°C)	Bentonite
High Temp	Novatemp™	Up to 750° F (400°C) as a dry lubricant	Mineral oil
High Temp	DET-900	Up to 535° F (300°C)	d'Limonene
High Temp	Caliber™ 460 M	Continuous casters, etc.	Lithium complex
Low Temp (pumpable)	Legacy™ M	Also for CFC and HCFC systems	Aluminum complex synthetic oil
Low Temp (pumpable)	Novagard®	Pumps down to -45°F (-43°C)	Aluminum complex
Low Temp (pumpable)	Matrix® LC Winter	Pumps down to -30°F (-34°C)	Calcium sulfonate complex
Low Temp (pumpable)	Caliber® 3M or 5M Arctic	Pumps down to -30°F (-34°C)	Lithium complex with MoS2 (Molybdenum Disulphide)
Low Temp (pumpable)	Omnilith™ LT 0	Pumps down to -40°F (-40°C)	Lithium
Multipurpose	Caliber® Blue HS 2	Suitable For Higher Speeds (Dn 350,000)	Lithium
Multipurpose	Matrix® EP	Robust, EP grease; for use up to 400°F (200°C)	Calcium sulfonate complex
Multipurpose w/MoS2 (Molybdenum Disulphide)	Matrix® M	Same product as regular Matrix EP + MoS2 (Molybdenum Disulphide)	Calcium sulfonate complex
Multipurpose	Omnilith™ 500	EP grease for use up to 350°F (175°C)	Lithium complex red
Multipurpose	Omnilith™ 360	EP grease for use up to 210°F (100°C)	Lithium
Steel Mill Grease	Caliber® 460 M	Used in continuous casters	Lithium complex
Steel Mill Grease	Matrix® EP	Best overall roll stand grease	Calcium sulfonate complex
Steel Mill Grease	Onyx™	Best water resistance on roll stands	Calcium sulfonate complex
Synthetic (Low Temp)	Legacy™ M	NLGI 1; pumps down to -45°F (-43°C)	Contains graphite & and MoS2 (Molybdenum Disulphide)
Water Resistant	Matrix® EP	Resists water & acids; stops rust	Calcium sulfonate complex
Water Resistant	Onyx™	Resists direct water spray	Calcium sulfonate complex
<b>HYDRAULIC OILS</b>			
Biodegradable	Earthkeeper® Hydraulic Oil	Readily biodegradable oils	Vegetable oil
Food Grade	Medallion™ FM Hydraulic Oil	NSF H-1, Kosher & Halal	Group II mineral oil
Fire Resistant	FR Hydraulic Oil	Available in ISO 46 & 68	Ester type
Petroleum	Hyperion™	Long life, low deposits	Group II mineral oil
Synthetic Blend	Hyperion™ Synthetic Blend	Use at discharge temps up to 190°F (88°C)	Group II + synthetic
<b>MINING AND AGGREGATES</b>			
Crushers	Whitmore® Crush-Bac™	Premium wear liner backing compound	Two-part epoxy
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
<b>OPEN GEARS</b>			
Ball Mills	EnviroLube® Extreme	Asphalt-based with high EP performance	Asphaltic-based fluid
Ball Mills	EnviroLube® XE Extreme	Spent lubricant does not harden	Non-asphaltic fluid
Ball Mills	Decathlon® Gold	For medium and small size mills	High viscosity synthetic fluid
Ball Mills	Decathlon® Gold Super Heavy	For ball mills up to the largest	Very high viscosity fluid
Ball Mills	BMG-6000	Heavy duty lubricant for use on ball mills	Clay thickened grease
Ball Mills	GearMate® 1000 ICT	Heavy duty lubricant for use on ball mills	Lithium grease
Ball Mills	SurStik® 800 (NLGI 00)	Heavy duty lubricant for use on ball mills	Aluminum complex thickened
Draglines	Surfac® 2000	For open gears, house rollers	Bentone grease
Draglines & Shovels	SurStik® 800	Open gears, house rollers, large	Aluminum complex grease
Draglines & Shovels	GearMate® 1000 ICT	Open gears, house rollers, large	Lithium open gear grease
Gear Prep	Whitmore® Pre-Coat	Ensures open gear grease sticks to metal	Asphalt-based
Hydraulic Shovels	GearMate® 1000 ICT	Approved by Komatsu	Open gear grease
Kilns	BMG-6000	Heavy duty lubricant for use on ball mills	Clay thickened open gear grease
Kilns	EnviroLube® XE Extreme	For high load; spent lubricant does not harden	Non-asphaltic fluid
Kilns	GearMate® 1000 ICT	Use heavy and extra heavy grades only	Lithium grease

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<b>OPEN GEARS</b>			
Kilns	SurStik® 800 (grease)	Use heavy and extra heavy grades only	Aluminium complex grease
Sugar Mills	MillGuard™	For open gears and bushings	Very high viscosity fluid
<b>PENETRATING OILS</b>			
Food Grade	Medallion™ Penetrating Chain Oil	NSF H-1, Kosher & Halal (Available in aerosol cans & bulk)	Group II mineral oil
Non-Aerosol Spray	1001™	Sprays 10 feet (3 meters)	Group II mineral oil
Industrial	Mechanics Thread Loosener	Available in aerosol cans	Group II mineral oil
<b>RAIL PRODUCTS</b>			
Curve Grease (Biodegradable)	BioRail®	Robust. Biodegradable	Calcium sulfonate
Curve Grease	RailArmor®	Superior product. Very long carry	Lithium
Curve Grease	Railmaster® LFG	Uses graphite in place of MoS2 (Molybdenum Disulphide)	Lithium with graphite
Curve Grease	Trackmate™	Economy grade that works well	Lithium
Curve Grease (Sprayable)	BioRail® EP 00	Approved by REBS and Bijur-Delimon	Calcium sulfonate
Curve Grease (Sprayable)	On-Board RCG 000	Can be used down to -45°F (-42°C)	Bentone clay
Curve Lubricant (Solid)	Whitmore® Solid Stick Lubricant	Low consumption	Use in spring-loaded applicator
Hump Yard Rail Oil	Railmaster® Hump Yard Oil	Prevents stop-shorts. Reduces noise	Mineral oil with polymer
Switch Plate Lubricant	EZ Switch®	Apply using garden type sprayer	Fluid with graphite
Switch Plate Lubricant	EZ Switch® Clear	Garden type weed sprayer apply using	Clean, clear oil. No graphite
Switch Plate Lubricant	BioSwitch™	Apply using garden sprayer. Biodegradable	Fluid with graphite
Top of Rail (Gel)	TOR Armor®	Reduces lateral forces, noise and wear	Increases traction
Top of Rail (Solid Stick)	Whitmore® Solid Stick Friction Modifier	Reduces later forces, noise and wear	Use in spring-loaded applicator
<b>SOLID STICKS</b>			
Friction Modifier	Whitmore® Solid Stick Friction Modifier	Improves Traction	Solid stick with special additives
Lubricant	Whitmore® Solid Stick Lubricant	Gauge face on curves & industrial use	Solid stick with high MoS2 (Molybdenum Disulphide)
<b>SUGAR MILLS</b>			
Bushings & Open Gears	MillGuard™	World leader in preventing bushing wear	Very high viscosity mineral oil base
Gearboxes (Very Large)	Eutectic™ 5000	Very high viscosity (5,000 cSt @ 40°C)	Mineral oil
<b>SYNTHETIC LUBRICANTS</b>			
Chain Lubricant High Temp	Decathlon® HTC Series	No residue at high temperatures	Synthetic ester
Compressor Oil	Decathlon™ HC	PAO synthetic	Synthetic PAO
Gear Oil	Decathlon® Extreme	Meets Hitachi requirements	Synthetic PAO
Gear Oil	Decathlon® F	Approved by Flender	Synthetic PAO
Grease	Legacy™ M	Pumpable to -45°F (-43°C)	Synthetic PAO
Open Gear	Decathlon® Gold	For open gears on Ball Mills, etc.	Synthetic PAO + polymer
Open Gear	GearMate® Extreme	Shovels & draglines in warm climates	High in polymer
<b>WIRE ROPE LUBRICANTS</b>			
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 aerosol cans & bulk	Naphthenic base oil

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