

PERFORMANCE LUBRICANTS PRODUCT FINDER

CATEGORY	PRODUCT	COMMENTS	TYPE
ABSORBENT (BIOREMEDIATION AGENT)			
Acid Spills	Whitzorb®-A	Absorbs and neutralizes acid spills	Wood-based carrier medium
Oil & Grease Spills	Whitzorb®	Absorbs and remediates petroleum spills	Wood-based carrier medium
Oil & Grease Spills on Water	Whitzorb®-P	Absorbs and remediates petroleum spills	Wood-based carrier medium
AEROSOLS & SPRAYS			
Chain Oil	Whitmore's Open Chain Lubricant	Clear colored penetrating spray	Mineral oil
Cleaner	Citrus Select®	Dissolves grease; repels insects	d'Limonene (citrus extract)
Food Grade Lube	Medallion™ Penetrating Chain Oil	NSF H-1; also good for chain lubrication	In either aerosol or non-aerosol
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	Whitmore's 1001	Multi-purpose lubricating oil in a can	Powerful non-aerosol spray can
Wire Rope Oil	Whitmore's Wire Rope Lubricant	Clear color. Penetrates rope strands	Mineral oil
ANTI-SEIZE COMPOUNDS			
Copper Based	Kopper Plate	Use up to 1800°F (980°C)	Aluminum complex
Drill Rod Anti-Seize	Whitmore's Drill Steel Lubricant	Contains graphite, copper & MoS ₂	Aluminum complex
Drill Rod Anti-Seize	Zinc 50	Based on powdered zinc	Aluminum complex
Food Grade	Medallion™ White Anti-Seize	NSF H-1 approved	Aluminum complex
MoS2 (moly) Based	Moly EP	Multi-purpose	Aluminum complex + MoS ₂
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
BIODEGRADABLE LUBRICANTS			
Gear Oil	Whitmore's Open Chain Lubricant	Clear colored penetrating spray	Mineral oil
Grease (bearings)	Citrus Select®	Dissolves grease; repels insects	d'Limonene (citrus extract)
Grease (rail curves)	Medallion™ Penetrating Chain Oil	NSF H-1; also good for chain lubrication	In either aerosol or non-aerosol
Hydraulic Oil	Surtac® 2000	Forms a dense black coating on gears	Sprayable gear grease
Open Gear Lubricant	Handi-Lube®	For very heavily loaded gears	Asphaltic base
Rail Switch Lubricant	Whitmore's 1001	Multi-purpose lubricating oil in a can	Powerful non-aerosol spray can
Rail Switch Lubricant	Whitmore's Wire Rope Lubricant	Clear color. Penetrates rope strands	Mineral oil
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
Sugar Mills	MillGuard™ Gold	For bushings and open gears	Polymer-Based
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 & 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	Whitmore Open Chain Lubricant	Also available in aerosol cans	Mineral oil



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CLEANERS & DEGREASERS			
Citrus Based	Bright Knight™ Gold	Degreaser; can be diluted with water	d'Limonene
Citrus Based (Spray)	Citrus Select®	Citrus aerosol spray	d'Limonene
Gearbox Cleaner	Whitmore GearClean™	Add before changing oil	Breaks up deposits
COMPRESSOR LUBRICANTS			
Ammonia Systems	Refrigeration. Compressor Oil	Also for CFC and HCFC systems	Naphthenic oil
Diester Type	Decathlon™ DE	Use where a diester type is required	Synthetic
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 Aerosol	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	Suitable for wire ropes & chains	BioSynBlend™ oil
Anti-Seize Compound	Medallion™ White Anti-Seize	Also available in aerosol cans	Mineral oil
Gear Oil	Medallion™ FM Gear Oil	No residue on chains; anti-wear	Synthetic oil
Grease	Medallion™ FM Grease	Also available in aerosol cans	Mineral oil
Grease	Medallion™ Supreme CSC	Degreaser; can be diluted with water	d'Limonene
Hydraulic Oil	Medallion™ FM Hydraulic Oil	Citrus aerosol spray	d'Limonene
Penetrating Oil	Medallion™ Penetrating Chain Oil	Add before changing oil	Breaks up deposits
GEAR OILS			
Biodegradable	Earthkeeper® EGO	Biodegradable extreme pressure oils	BioSynBlend™ oil
Food Grade	Medallion™ FM Gear Oil	NSF H-1 & Kosher approved	Group II mineral oil
Gearbox Cleaner	Whitmore Detergent. Dispersant	Add before changing oil	Non-foaming detergent
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-365	Long life and high wear protection	Mineral oil & PAO synthetic
Semi-Synthetic (HD)	Paragon™ Synthetic Blend	50% PAO; for use up to 250°F (120°C)	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
With MoS2 (HD)	Claret™	Paragon™ with suspended MoS ₂	Mineral oil
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	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 with polymer + MoS ₂
Earthmoving Machines	Matrix® LC	Approved by Komatsu	Calcium sulfonate complex
Earthmoving Machines	Omnilith™ LT	For low temperatures. Approved by Komatsu	Lithium with solid lubricants
Electric Motor Bearings	Omnilith™ MB	All-season grease	Lithium Complex
Electric Motor Bearings	Matrix® EP/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



CATEGORY	PRODUCT	COMMENTS	TYPE
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	Caliber™ 460 M	Continuous casters etc.	Lithium Complex
Low Temp (pumpable)	Legacy M-EP & Legacy EP	NLGI 1; pumps down to -45°F (-43°C)	M-EP contains moly (MoS ₂)
Low Temp (pumpable)	Novagard®	Pumpable to -45°F (-43°C)	Aluminum complex
Low Temp (pumpable)	Omnilith™ LT	Pumpable to -40°F (-40°C)	Lithium with solid lubricants
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
Steel Mill Grease	Caliber™ 460 M	Used in continuous casters	Lithium Complex
Steel Mill Grease	Caliber™ XR	For work roll bearings	Lithium with polymer + MoS ₂
Steel Mill Grease	Matrix® EP	Best overall roll stand grease	Calcium sulfonate complex
Steel Mill Grease	Onyx™	Best water resistance on roll stands. Slow speeds	Calcium sulfonate complex
Synthetic	Legacy M-EP & Legacy EP	NLGI 1; pumps down to -45°F (-43°C)	M-EP contains graphite
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	Decathlon™ AW	Use in hot systems >190°F (88°C)	PAO synthetic 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 (fluid)	Asphalt based with high EP performance	Asphaltic base
Ball Mills	Envirolobe® XE & XE. Extreme (fluid)	For high load; spent lube does not harden	Non-asphaltic polymer base
Ball Mills	Decathlon™ Gold (fluid)	For medium & small size mills	High viscosity synthetic fluid
Ball Mills	BMG-6000 (grease)	Heavy duty lube for use on ball mills	Clay thickened
Ball Mills	Gearmate® 1000 (grease)	Heavy duty lube for use on ball mills	Lithium thickened
Ball Mills	SurStik® 800 (grease)	Heavy duty lube for use on ball mills	Aluminum complex thickened
Ball Mills	GearArmor™	High performance at economical price	Lithium thickened
Draglines	Surtac® 2000 (grease)	For open gears, house rollers	Bentone clay thickened
Draglines & Shovels	SurStik™ (grease)	Open gears, house rollers,large bearings	Aluminum complex thickened
Draglines & Shovels	SurStik® 800 (grease)	Open gears, house rollers, large bearings	Meets CAT specification
Draglines & Shovels	Gearmate® 1000 (grease)	Open gears, house rollers, large bearings	Meets CAT specification
Shovel Hoist Gears (7495)	SurStik® 800 Special	For winter use on CAT 7495's	Meets CAT 2011 Hoist Gear spec
Hydraulic Shovels (Slew Ring)	Gearmate® 1000 (grease)	Approved by Komatsu	Lithium
Kilns	BMG-6000 (grease)	Heavy duty lube for use on ball mills	Clay thickened
Kilns	Envirolobe® XE & XE Extreme (fluid)	For high load; spent lube does not harden	Non-asphaltic polymer base
Kilns	Legacy M-EP & Legacy EP	NLGI 1; pumps down to -45°F (-43°C)	Softer grades contain solvent
Kilns	Gearmate® 1000 (grease)	Use heavy & extra heavy grades only	Softer grades contain solvent
Sugar Mills	SurStik® 800 (grease)	Use heavy & extra heavy grades only	Petroleum resin/solid lubricants

CATEGORY	PRODUCT	COMMENTS	TYPE
PENETRATING OIL			
Food Grade	Medallion™ Penetrating Chain Oil	Bulk, aerosol, & non-aerosol cans	Group II mineral oil
Non-Aerosol	1001™ Non-Aerosol Spray	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			
Gage Face Grease, Bio	BioRail®	Premium performance. Biodegradable	Calcium Sulfonate
Gage Face Grease	RailArmor®	Superior rail curve grease	Lithium
Gage Face Grease	Railmaster® LFG	Uses graphite in place of MoS ₂	Lithium with graphite
Gage Face Grease	Trackmate™	Economy grade	Lithium
Gage Face Grease (Spray)	BioRail® EP 00	Approved by REBS and Bijur-Delimon	Calcium sulfonate
Gage Face Grease (Spray)	Railmaster® 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 Lubricant	SwitchArmor®	Dries in 30 minutes at 70°F (20°C)	Graphite
Switch Lubricant	SwitchArmor® Aerosol	Aerosol dry film	Graphite
Switch Lubricant	EZ Switch	Apply using garden type sprayer	Fluid with graphite
Switch Lubricant, Bio	BioSwitch™	Apply using garden sprayer. Biodegradable	Fluid with graphite
Switch Lubricant, Bio	BioSwitch® X	Clean to work with. Biodegradable	Biodegradable oil
Top of Rail	RailGuard™	Greatly reduces noise and wear	Tacky yellow gel
Top of Rail	TOR Armor™	Reduces later forces, noise and wear	Low temp version good to -40°
SYNTHETIC LUBRICANTS			
Chain Lubricant High Temp	Decathlon™ HTC Series	No residue at high temperatures	Synthetic ester
Compressor Oil	Decathlon™ HC, DE & PG Series	Three synthetic alternatives	PAO, Diester & Polyglycol
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-EP & Legacy EP	Pumpable to −45°F (-43°C)	Synthetic PAO
Hydraulic Oil	Decathlon™ AW	Use where temp is >190°F (88°C)	Synthetic PAO
Open Gear	Decathlon™ Gold	For open gears on Ball Mills, etc.	Synthetic PAO + polymer
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	Whitmore Drag Rope Lubricant	Protects rope and sheaves	Asphaltic base
Penetrating	Whitmore Drag Rope Lubricant	Available in bulk & in aerosol cans	Naphthenic base oil
Recycled Oil	Renew 20 & Renew 30	Economic alternative	Mineral oil