



OPCO[®]

LUBRICATION SYSTEMS, INC.

PRODUCT CATALOG

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OPCOLUBE.COM

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V04.05.2019

This manual supersedes all previous versions. The information contained in this manual is subject to change without notice.

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A Brief History of



OPCO® products were first manufactured in the mid-1960's by Olsen Products Company in Milwaukee, Wisconsin. The OPCO® business was acquired by the Madison- Kipp Corporation of Madison, Wisconsin in 1967, where OPCO® products were manufactured and sold world-wide by the Madison-Kipp Products Division, and then Kipp Lubrication Systems, beginning in mid-1987. The ChainMaster® and WearMaster® product names were introduced in 1987.

In August 1989, IDEX Corporation acquired Kipp Lubrication Systems from Madison-Kipp Corporation, and the Madison, Wisconsin-based Kipp Lubrication Systems was integrated into the operations of Lubriquip, Inc., Cleveland, Ohio, A Unit of IDEX Corporation. The Madison-based operation did business as KLS Lubriquip until 2001, when the use of KLS as part of the company name was discontinued. Lubriquip maintained manufacturing operations in Madison, Wisconsin and in Cleveland, Ohio.

Graco Inc., headquartered in Minneapolis, Minnesota, acquired Lubriquip, Inc. from IDEX Corporation in July 2006. Brands acquired as part of that acquisition by Graco Inc. included OPCO®, ChainMaster®, WearMaster®, Trabon, Manzel and Grease Jockey. Graco Inc. moved the Lubriquip manufacturing operations in Madison and Cleveland to Anoka, Minnesota where they were manufactured and sold by Graco's Lubrication Equipment Division.

In October of 2009, OPCO® Lubrication Systems, Inc. acquired the assets related to the OPCO®, ChainMaster® and WearMaster® branded industrial lubrication equipment business from Graco, Inc. Manufacturing of OPCO® products was moved to facilities in Fremont, Michigan where OPCO® is made in a joint-venture manufacturing operation with Mighty Lube Systematic Lubrication, Inc.®

The joint venture between Mighty Lube® and OPCO® has allowed both companies to focus, not only on producing quality products, but also on providing exceptional service and support. As a result of this new focus, OPCO® has been able to provide customers with service parts and support for older OPCO® equipment which had previously been discontinued. Working together and pooling resources will continue to prove beneficial to customers as new products are developed in the future.

E-Series ALL ELECTRIC LUBRICATION SYSTEMS

FEATURES/BENEFITS

Solid shot lubricating designs available for a wide variety of moving points, chains and conveyors

Reduce downtime due to premature conveyor wear

Eliminates surging caused by non-lubricated conveyor components

Available in kit* form for general purpose use

Low-cost installation

Conveyor runs smoother, keeps product from swaying, reducing possibility of damage to product and injury on the line

Delivers a wide viscosity range of lubricants

Reduces drive-power requirements

Integral 5-gallon reservoir

No waste or contamination—a metered amount of lubricant is cleanly and precisely delivered to the wear points

Independent operation or centralized fill

Built-in power-on and low-lubricant-level status lights

***All electric lubrication systems for conveyors
- no air required***



*Reservoir/ Pump
and Controls Assembly*

ELECTRIC-ONLY LUBRICATION —RELIABLE AND EFFICIENT OPERATION

The ChainMaster® E-Series Lubrication Systems are all electric and designed to deliver metered amounts of lubricant in solid shot form to conveyor wear points. The lubricant shots are discharged from nozzles which are rigidly mounted close to the moving wear points.

The system consists of a reservoir/pump and controls assembly, and a sensing and delivery assembly. The reservoir/pump and controls assembly includes the integral lubricant reservoir, the electronic controls and the pump module. The sensing and delivery assembly includes one or more target sensors, nozzles and tubing for lubricant delivery and all bracketry.*

**Units supplied in kit form include proximity switch and nozzle brackets only.*

OP-4A AUTOMATIC CHAIN PIN OILER

**CLEAN, EFFECTIVE LUBRICATION
OF MOST OVERHEAD MONORAIL**

*OP-4A is the most accurate conveyor chain
pin lubricator on the market today.*



ACCURATE, RELIABLE OPERATION

The OP-4A is pneumatically powered and electrically timed. A caterpillar chain assembly engages the conveyor chain, engaging the oil dispensing nozzle plate, moving it over the chain pin links. An air operated pump meters a precise amount of oil through each nozzle, lubricating chain pins and links simultaneously. The 1000- hour repeat cycle timer features cycle progress display and memory.

OPTIONAL COMPONENTS

Lubricant reservoir auto-fill device

12 hour manual on/automatic off timer.

Manual on/off (no electric required).

The OP-4A system lubricates chain pins while conveyor is running under normal conditions.

Automatically deposits a clean, metered shot of oil directly and precisely to chain pins at desired intervals. No waste or mess from over oiling.

Proper lubrication reduces friction and wear extends conveyor life.

Fast payback based on reduced maintenance and extended productive conveyor life.

Eliminates surging caused by non-lubricated and worn chains, so product can be spaced closer, increasing productivity.

Helps reduce drive power requirements.

OP-41A ENCLOSED TRACK CHAIN LUBRICATOR

FEATURES/BENEFITS

The OP-41A system lubricates chain pins and wheels while the conveyor is running under normal conditions

Reduces downtime and manual labor operations in lubricating conveyor chain

Properly lubricated conveyor can extend the life of conveyor components

Eliminates surging caused by non-lubricated and worn chain and wheels, so product can be spaced closer, increasing productivity

Conveyor runs smoother, keeps product from swaying, reducing possibility of injury on the line

Helps reduce drive power requirements

Less waste and contamination. A metered amount of lubricant is cleanly and precisely delivered to the chain and wheels

The right lubrication system results in a clean operation – and saves you substantial amounts of time, work and money

Simple, yet effective and clean lubrication for overhead enclosed track conveyors.



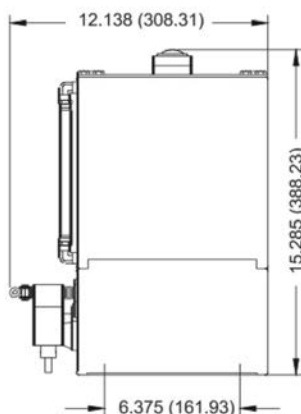
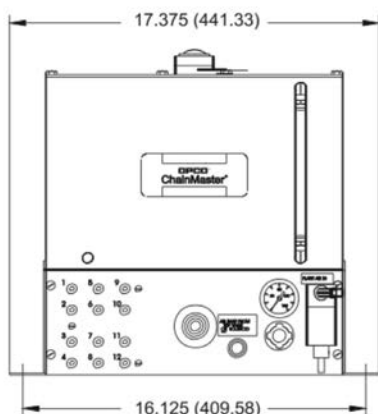
ACCURATE & RELIABLE

The OP-41A is designed to accurately deliver metered amounts of lubricant directly to the chain pins and wheels of enclosed track conveyors. The heart of the system is a pneumatically operated single-impulse positive displacement pump. Only one shot is delivered to each wear point even if the conveyor stops with the trip valve depressed.

OP-139

GENERAL PURPOSE AIR OPERATED CONVEYOR LUBRICATION SYSTEM

Simple, yet effective clean precision lubrication for all types of conveyor systems.



THE MODEL OP-139 CAN BE SUPPLIED AS A:

1. Kit with the all of the key operating components less mounting brackets for applications where the customer can fabricate mounting brackets in the field.
2. Complete engineered system with all necessary bracketry, mounting hardware and assembly drawings.

STANDARD COMPONENTS

Positive displacement piston pump(s)

Integral 5-gallon lubricant reservoir

Lubricant level sight tube

Airline preparation equipment

Heavy duty pneumatically operated trip valve assembly or inductive proximity switch

OPTIONAL EQUIPMENT

1000 hour repeat cycle progress display timer with cycle 12 hour manual on/automatic off timer

Manual on/off air valve
(standard on A kits)

Electric on/off junction box
(standard on E kits)

Electric on/off design for PLC Interface

ChainMaster® Counter Controller

Remote-fill valve for automatic filling.

All-electric remote-fill pumps in 5, 16 and 55 gallon sizes

24 VDC version with recycle timer

OP-52 / OP-53 CONVEYOR CATERPILLAR DRIVE CHAIN LUBRICATORS

FEATURES/BENEFITS

Delivers a precise volume of lubricant per stroke with positive displacement pump

Controls lubrication cycle frequency and duration accurately with programmable solid state adjustment timer

Installs easily – pump and controls assembly requires four (4) mounting bolts and one (1) electrical connection

Constructed of durable molded plastic or fabricated metal for harsher environments

Delivers most fluid lubricants

Lubricates drive chains effectively to extend drive and conveyor chain life

OPTIONAL EQUIPMENT (steel reservoir only)

Remote-fill valve for trouble-free automatic filling

All-electric remote-fill pumps in 5, 16 and 55 gallon sizes

Cost-effective orifice lubrication for conveyor drive, short transfer and machine chains

DESCRIPTION

The OPCO® ChainMaster® OP-52 and OP-53 are specifically designed as affordable answers to your conveyor drive, short transfer and machine chain lubrication needs. In standard configurations, the units are available in either durable molded plastic construction with a 1/2 gallon (1.89 liter) translucent reservoir, or a 1.3 gallon (4.93 liter) fabricated steel reservoir for heavy industrial applications. Both come complete with 12 feet of 5/32" O.D. oil delivery tubing, a 40 micron oil filter and an oil delivery nozzle with holder.

The OP-52 pump incorporates a large-diameter piston and delivers a high volume of lubricant per stroke. The OP-53 has a smaller diameter piston, is capable of operating at higher pressures than the OP-52, and can deliver higher viscosity lubricants.



OP-37A

DROP FINGER CONVEYOR CHAIN LUBRICATOR



OP-37A Lower
Frame Assembly

FEATURES/BENEFITS

Lubricates chain pins during conveyor operation.

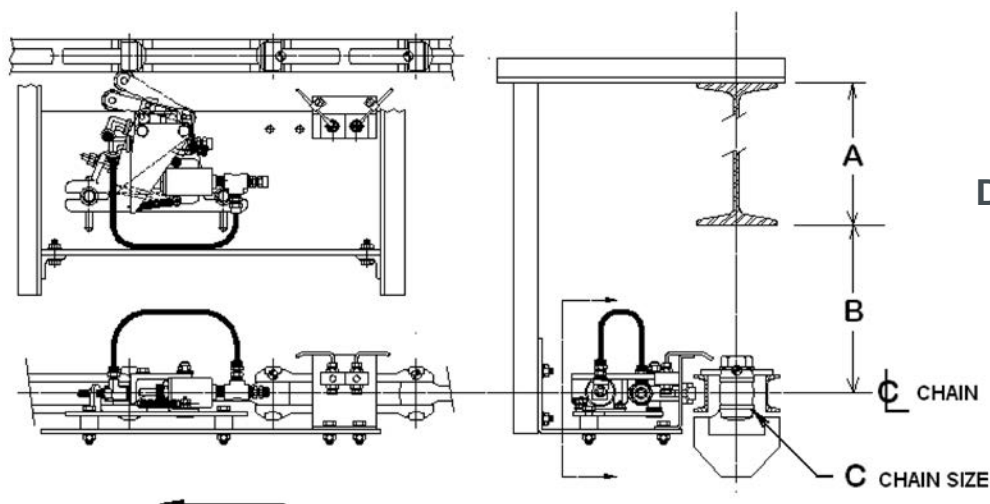
Positive displacement metering pump provides precise volume control.

Manual On - Automatic Off, Push Button Reset Timer for Lube Cycle Control is standard. This control facilitates initiation of lube cycles after wash-downs are completed (other control options available).

5-gallon capacity reservoir.

Unique chain trip valve is engaged only during a lubrication cycle.

Compatible with Lubricants ISO Viscosity Grade 22 to 220



WearMaster® Lubricants are available for application on Drop Finger Conveyors; please contact OPCO® Lubrication Systems to discuss your application requirements.

OP-54A

2-PIECE BEVERAGE CAN PIN CHAIN CONVEYOR LUBRICATION SYSTEM

The only system specifically designed for high-speed beverage can pin chain conveyors.



FEATURES/BENEFITS

Non-contact system lubricates small pitch chains regardless of speed

Continuous, even lubrication extends chain life

Positive displacement pump delivers a metered volume of lubricant

Large integral reservoir reduces labor time spent refilling

Instantaneous start-up and shutdown protects operating chains

Lubricant coating on chain side links decreases varnish and other contaminant buildup

Ultra-precise spray minimizes overspray and lubricant waste

Advanced design reduces chain stretch due to premature wear

Floor-level reservoir and controls offer easy programming and refilling

Adjustable volume prevents over or under lubrication

Designed to eliminate the variables that plague other units, the OPCO® ChainMaster® OP-54's continuous operation provides consistent, even lubrication. The unit precisely applies a thin film of lubricant directly to the chain and provides a coating to the side links to help minimize varnish buildup and keep the chain clean.

OPTIONAL EQUIPMENT

Remote automatic fill pump capable of supplying all units in a plant (available in 5, 16, and 55-gallon sizes).

STANDARD COMPONENTS

Programmable timer to control lubricant volume

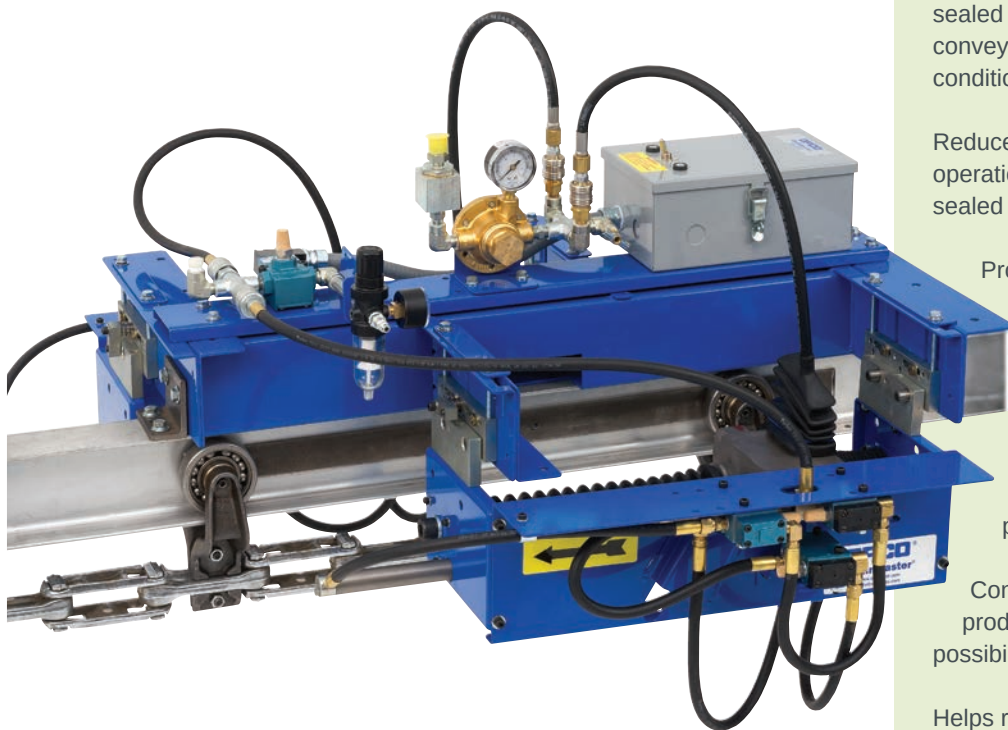
Low-level indicator, output contacts and inhibit circuit for pump protection

Integral 5-gallon reservoir designed for additional of remote automatic fill option

Properly sized air-preparation system to filter incoming plant air

OP-201 CONVEYOR SEALED POWER TROLLEY WHEEL GREASER

A system designed for more productivity and less downtime. Works while your conveyors are in normal operation.



OP-201 OPERATION

The OP-201 system is an automated, pneumatically operated lubricator designed to inject a metered amount of lubricant (grease or oil) into trolley wheels of an overhead or inverted conveyor.

Lubrication takes place during normal conveyor operation. Duration and frequency of the lube cycle can be manually controlled or electrically controlled by a timer, an electric counter, or other electrical control. Trolley wheels can be unevenly spaced.

FEATURES/BENEFITS

The OP-201 system lubricates sealed power trolley wheels while the conveyor is running under normal conditions

Reduces downtime and manual labor operations in lubricating conveyor sealed power trolley wheels

Properly lubricated wheels can extend the life of conveyor components

Eliminates surging caused by non-lubricated and worn wheels, so product can be spaced closer, increasing productivity

Conveyor runs smoother, keeps product from swaying, reducing possibility of injury on the line

Helps reduce drive power requirements

Less waste. A metered amount of lubricant is cleanly and precisely injected into wheels

The right lubrication system results in a clean operation—and saves you substantial amounts of time, work and money

Overhead or inverted conveyors

OP-314

FREE TROLLEY SEALED LOAD WHEEL GREASER

FEATURES/BENEFITS

The OP-314 system lubricates sealed load wheels while the conveyor is running under normal conditions

Reduces downtime and manual labor operations in lubricating free trolley load wheels

Wheels that are lubricated properly can extend the life of conveyor components

Eliminates surging and drag caused by non-lubricated wheels, so product can be spaced closer, increasing productivity

Conveyor runs smoother, keeps product from swaying, reducing possibility of injury on the line

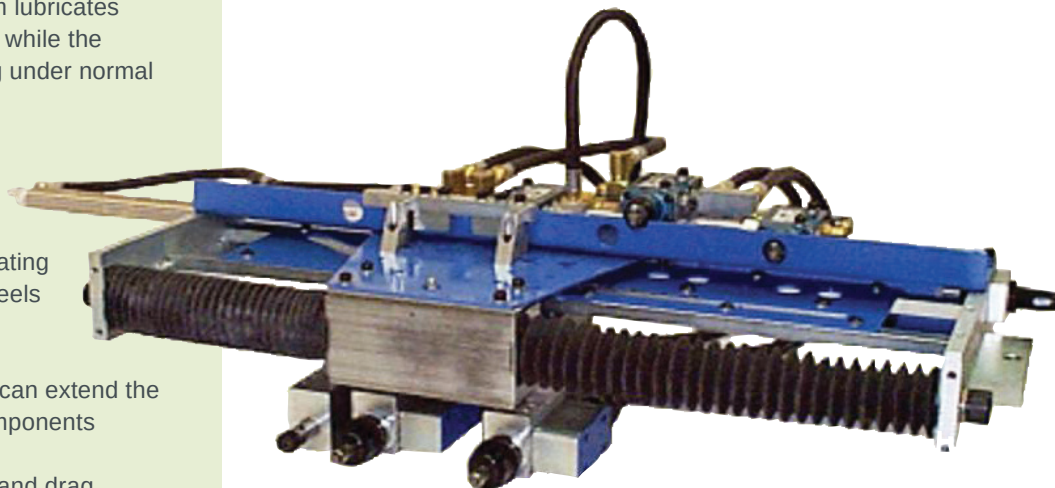
Helps to reduce drive power requirements

Less waste and contamination. A metered amount of lubricant is cleanly and precisely injected into each wheel

The right lubrication system results in a clean operation – and saves you substantial amounts of time, work and money

For overhead or inverted conveyors

A heavy-duty system for Power & Free conveyors. Reduces labor and saves money by cutting downtime and protecting conveyor components.



OP-314 SYSTEM OPERATION

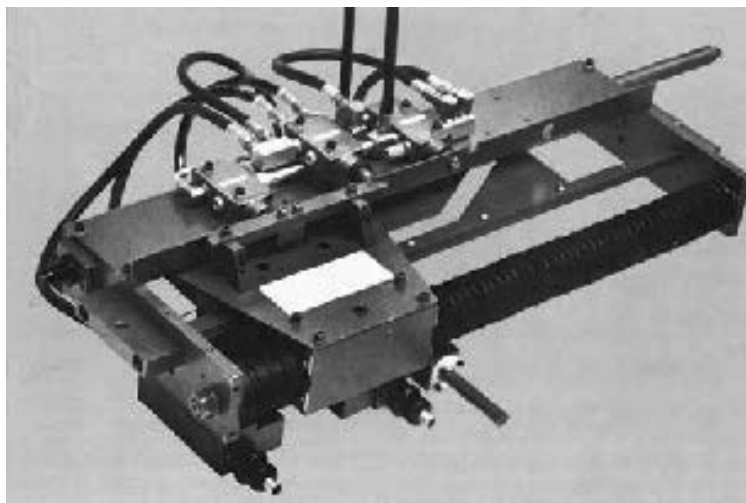
The OP-314 system is designed to lubricate free trolley sealed load wheels. The system injects a metered amount of lubricant into the wheel bearings, without interrupting manufacturing schedules. The system will dispense grease or oil. Lubricant is supplied to the unit by a pump which may be placed at floor level for added convenience.

Lubrication takes place during normal conveyor operation. Duration of the lube cycle can be manually controlled or electrically controlled by a timer, an electronic counter, or other electrical control. Trolleys can be unevenly spaced.

OP-317

GREASER FOR FREE TROLLEY SEALED SIDE GUIDE ROLLER

A heavy-duty system for Power & Free conveyors. The OP-317 greaser reduces labor and saves money by cutting downtime and protecting conveyor components.



OP-317 SYSTEM OPERATION

The OP-317 system is designed to lubricate free trolley sealed side guide rollers. The system injects a metered amount of lubricant into the guide roller bearings, without interrupting manufacturing.

Lubrication takes place during normal conveyor operation. The duration of the lube cycle can be manually controlled or electrically controlled by a timer, an electronic counter, or other electrical control. Trolleys can be unevenly spaced.

FEATURES/BENEFITS

The OP-317 system lubricates sealed side guide rollers while the conveyor is running under normal conditions

Reduces downtime and manual labor operations in lubricating conveyor free trolley guide rollers

Rollers that are lubricated properly can extend the life of conveyor components

Eliminates surging and drag caused by non-lubricated rollers, so product can be spaced closer, increasing productivity

Conveyor runs smoother, keeps product from swaying, reducing possibility of injury on the line

Helps to reduce drive power requirements

Less waste. A metered amount of lubricant is cleanly and precisely injected into rollers

The right lubrication system results in a clean operation – and saves you substantial amounts of time, work and money

For Overhead or Inverted conveyors

OP-311 / OP-331 OUTBOARD / INBOARD WHEEL LUBRICATOR

FEATURES/BENEFITS

The OP-311/OP-331 system lubricates outboard/ inboard wheels while the conveyor is running under normal conditions

Reduces downtime and manual labor operations in lubricating outboard/inboard wheels

Wheels that are lubricated properly can extend the life of conveyor components

Eliminates surging and drag caused by non-lubricated and worn wheels

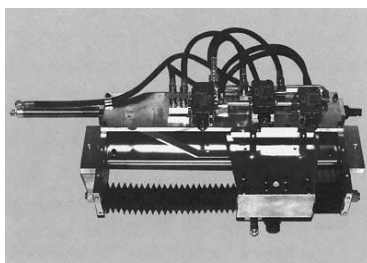
Conveyor runs more smoothly

Helps to reduce drive power requirements

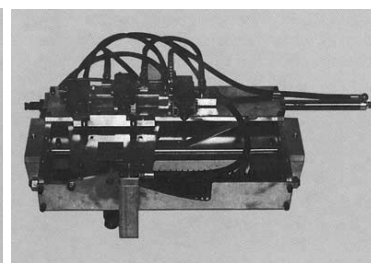
Less waste. A metered amount of lubricant is cleanly and precisely injected into wheels

The right lubrication system results in a clean operation — and saves you substantial amounts of time, work and money

A heavy-duty system for roller chain, flat top, gull wing and coil conveyors. Reduces labor and saves money by cutting downtime and protecting conveyor components.



OP-311



OP-331

OP-311 / OP-331 SYSTEM OPERATION

The OP-311/OP-331 systems are designed to lubricate the wheels on material handling systems such as roller chains, flat top, gull wing and coil conveyors. The systems inject a metered amount of lubricant (grease or oil) into the wheel bearings, without interrupting manufacturing schedules. Lubricant is supplied to the unit by a pump, which may be placed at floor level for added convenience.

Lubrication takes place during normal conveyor operation. Duration and frequency of the lube cycle can be manually controlled or electrically controlled by a timer, or counter, or other electrical control.

Both Systems can dispense lubricant through a fitting or open hole by means of a coupler assembly that travels with the conveyor.

WearMaster® LUBRICANTS

WearMaster® lubricants are high quality lubricants designed to meet the demanding environments of industrial applications. When properly matched to an application, a WearMaster® lubricant becomes a critical element in managing maintenance costs, reducing downtime, and eliminating build-up on conveyors that can cause costly parts contamination and accelerated wear. Contact OPCO® for lubrication needs beyond the following list.

LUBRICANT	TYPE	ISO VISCOSITY GRADE	VISCOSITY CST @ 40° C	DESCRIPTION
WearMaster® KF 100 and KF 100 Light	High Temperature, Ashless, Synthetic Lubricant	68 (KF 100) 15 (KF 100 Light)	73.3 (KF 100) 13 (KF 100 Light)	- A unique synthetic lubricant designed to lubricate wear points in industrial applications where air temperatures often exceed 500° F. - The ashless fluids do not contain residue forming solids and have been credited with cleaning chains with build-up problems. - The low volatility lubricant maintains a liquid lubricating film at elevated temperatures, substantially reducing lubricant consumption and eliminating objectionable odors. - Both are available in Violet Tint
WearMaster® KF 101-220	High Temperature, High Viscosity, Ashless, Synthetic Lubricant	220	224	- A unique synthetic lubricant designed to lubricate wear points in industrial applications where air temperatures often exceed 500° F. In addition, a proprietary polymer viscosity enhancer makes it suitable for applications requiring extreme pressure and water washout resistance capabilities. - The ashless fluids do not contain residue forming solids and have been credited with cleaning chains with build-up problems. - The low volatility lubricant maintains a liquid lubricating film at elevated temperatures, substantially reducing lubricant consumption and eliminating objectionable odors. - Available in Violet Tint
WearMaster® KF 102 Light, KF 102-150, and KF 102-220	Water-Soluble, Ashless, Synthetic Lubricant	10 (KF 102 Light) 150 (KF 102) 220 (KF 102-220)	9.34 (KF 102 Light) 137.8 (KF 102) 215.2 (KF 102-220)	- A high-temperature, synthetic fluid that exhibits total burn off at temperatures above the flashpoint. - The water-soluble, polyglycol-based lubricant is ideal in applications requiring compatibility with water dispersed coatings.
WearMaster® KF 240 Light and KF 240	E.P., Moly Sulfide Lubricant with Superb Anti-Wear Performance	22 (KF 240 Light) 100 (KF 240)	24 (KF 240 Light) 113 (KF 240)	- Premium lubricant designed for severe applications where high loads and ambient conditions cause wear and failure. - Suspension grade moly sulfide solids are attracted and deposited into pores in the metal, creating a solid film of lubricant to prevent scuffing, scoring, and flaking on load-carrying surfaces.

WearMaster® LUBRICANTS

LUBRICANT	TYPE	ISO VISCOSITY GRADE	VISCOSITY CST @ 40° C	DESCRIPTION
WearMaster® KF 241	High-Viscosity, E.P., Moly Sulfide Lubricant with Superb Anti-Wear Performance	220	219	- Premium lubricant designed for severe applications where high loads and ambient conditions cause wear and failure. The addition of a proprietary polymer viscosity enhancer makes it suitable in applications requiring extreme pressure and water washout resistance capabilities. - Suspension grade moly sulfide solids are attracted and deposited into pores in the metal, creating a solid film of lubricant to prevent scuffing, scoring, and flaking on load-carrying surfaces.
WearMaster® KF 245	E.P. Lubricant	220	219	- Premium lubricant designed for severe applications where high loads and ambient conditions cause wear and failure. - Does not contain moly sulfide for applications where that additive is undesirable.
WearMaster® KF 270	Anti-Wear, Food- Grade Lubricant	100	98	- Specially designed to satisfy demanding lubrication requirements in food processing applications - USDA H1 food-grade lubricant that has passed demanding industry standard tests at levels previously only achieved by high performance non-food lubricants.
WearMaster® KF 310	High Performance Way Lubricant	Consult Factory with application specifics	Consult Factory with application specifics	- High E.P. and anti-wear way lubricant for use in many machine tool applications - Meets P47 and P50 specifications for the Stick Slip Test of the Cincinnati Milacron Company
WearMaster® KF 330	High Performance Industrial Gear Lubricant	Consult Factory with application specifics	Consult Factory with application specifics	- Excellent protection and extended service for a wide variety of gear applications - Meets P35, P59, P63, P74, P77, and P78 specifications of the Cincinnati Milacron Company
WearMaster® KF 350	Premium, Non- Zinc, Anti-Wear Hydraulic Fluid	Consult Factory with application specifics	Consult Factory with application specifics	- Utilizes latest development in non-zinc anti-wear technology for applications that are sensitive to zinc or where there are environmental concerns - In addition to anti-foam and oxidation inhibition, the premium additive package increases thermal stability, rust prevention, and anti-wear capability
WearMaster® KF ATO	High Performance, E.P., Anti-Rust, Anti-Wear Air Line Lubricant	SAE 10 and SAE 30	38.3 (SAE 10) and 110 (SAE 30)	- Severe duty lubricant for air lines, with applications including sliding ways, rock drills, and pull down assemblies on can fillers - Emulsifier additives pick up moisture in the system and exhaust it, while the rust inhibitors and anti-wear additives protect the internal parts and air motors of the lubricated equipment. - Has also been used in applications as diverse as sliding ways and pull down assemblies on can fillers.

WearMaster® GREASES

WearMaster® greases utilize high quality base soaps and oils and are designed to meet the demanding environments of industrial applications. When properly matched to an application, a WearMaster® grease becomes a critical element in managing maintenance costs, reducing downtime, and avoiding issues associated with poor performing greases.

LUBRICANT	TYPE	NLGI GRADE	DROPPING POINT °F (°C)	DESCRIPTION
WearMaster® KG450	High Temperature, Extended Performance Polymer Grease	2	500 (260)	- High dropping point, mechanical stability, and high temperature oxidation resistance make it an excellent multipurpose grease - High temperature resistance eliminates problems of running or accumulation of hard, carbonized residue
WearMaster® KG451-0 KG451-2	Super Water Resistant Grease	0 (KG 451-0) 1 ½ (KG 450-2)	350 (177) KG 451-0 360 (182) KG 451-2	Water resistance, tough wear protection, shock load resistance, and a widely compatible lithium base make it an excellent multi-purpose grease
WearMaster® KG453	Corrosion Control Grease	1 ½	500 (260)	- Excellent corrosion control in applications with high salt or chemical contamination. Very effective in corrosive environments as grease for bearings or anti-corrosion coating on metals - High drop point and good E.P. make it a high performance multi-purpose grease
WearMaster® KG455	High Temperature Polyurea Grease	2	540 (282)	- High water resistance, low-temperature performance, and elastomeric compatibility expand the grease's uses beyond typical lithium-complex greases - Environmentally Friendly - no corrosive additives to achieve E.P. characteristics, no heavy metals, and no chlorinated compounds - USDA H2 Food Grade designation
WearMaster® KG460	High Temperature Synthetic Grease	2	590 (310)	- An advanced ester-based oil and thickener creates a highly thermally stable grease with excellent E.P. properties and oxidation stability - Applications include kilns, soot blowers, steel mills, barrier coatings, and other high temperature applications
WearMaster® KG470-0 KG470-2	High Performance Food Grade Grease	0 (KG 470-0) 2 (KG-470-2)		- High water resistance, oxidation stability, and anti-wear protection opens applications generally considered unacceptable for standard food grade greases - Proprietary base soap withstands oil and soap separation rarely found in any grease, and water and corrosion resistance meets or exceeds non-food grade greases that are considered industry standards.
WearMaster® KG475	Synthetic Open Gear Grease	2	500 (260)	- Ultimate severe duty performance from inorganic synthetics with temperature ranges for the toughest environments - Environmentally friendly mineral solvents replace chlorinated solvents - Most water resistant open gear grease on the market; excellent film adhesion creates tenacious film that won't sling and can only be removed with solvents; E.P. and Anti-Wear additives are state of the art, and with proper application, lubricant life will increase 5 to 20 times.

OP-8 POWERED CONVEYOR CHAIN & TROLLEY WHEEL CLEANER

FEATURES/BENEFITS

Automatically cleans while conveyor is in operation

Eliminates expensive, time-consuming manual cleaning

Removes dirt, rust, scale, paint, and/or chemical residue

Brushes shaped for your conveyor, for efficient operation

Brush tension can be adjusted while conveyor is running

Reduces drag on drive motors, extending life

Proper grounding for electrostatic finishing

Plated hardware provides longer component life

Compact, rugged cleaner is easy to install and service

Overhead, inverted and floor conveyors

OPTIONAL EQUIPMENT

575V, 50/60Hz motors available

Electric timer for automatically starting and stopping cleaner action at any desired intervals

Air valve to blow off particles lying on chain parts

Explosion-proof motor and fiber brushes for hazardous areas

Metal shroud enclosure available with or without vacuums

Other brush materials available

Longer brush shafts for cleaning conveyor attachments

Motor starter

Other voltages available

Reversing Motor starter with time delay

Reduces downtime while it cleans your conveyor system.

Cleans chain, trolley wheels and trolley brackets.

Fits every size of overhead monorail or power & free conveyor.



OP-8 SPECIFICATIONS

Motor	2 hp, 208-220/440-480 V, 60 cycle, 3 phase
Bearings	Heavy duty, shielded and sealed, self-aligning
Housing	Thick-walled cast aluminum for greater strength
Shafting	1 in diameter steel handles max loads
Standard Brushes	Crimped steel
Guards	Neoprene rubber curtains surround brushes
Dimensions	24 in W x 24 in D x 32.5 in H

TECHNICAL ASSISTANCE

Customized Technical Assistance Programs are available.

WARRANTY

A limited warranty is provided with each OP-317 system.

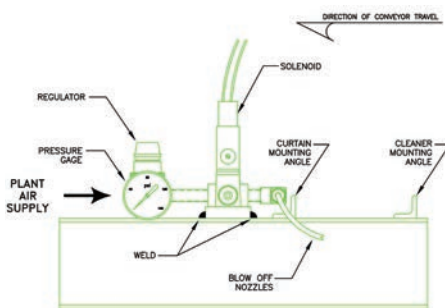
OP-8NP

NON-POWERED CONVEYOR CHAIN & TROLLEY WHEEL CLEANER



OP-8NP SPECIFICATIONS

Bearings	Heavy-duty, self-aligning, shielded & sealed
Housing	Heavy-duty fabricated steel with powder coat finish
Brush Shafts	1 in diameter
Standard Brushes	Crimped steel
Guards	Neoprene brush curtain
Dimensions	25 in W x 35.4 in D x 31.8 in H



Air Blow-Off



Metal Shroud

FEATURES/BENEFITS

Cleans while conveyor is operating

Eliminates time-consuming, expensive cleaning

Removes dirt, rust, scale, and process residue

Adjustable brush tension device

Automatic brush engagement

Plated hardware

Compact size

Simple to install and service

Brush sets available for many types of conveyors

OPTIONAL EQUIPMENT FOR BOTH OP-8 AND OP-8 NP

Other brush fill materials for specific application requirements

Longer brush shafts for custom cleaning applications

Split brush shafts for one-bolt removal of the brush stack and lower shaft assembly

Custom-engineered brush sets

Air Blow-Off

Totally enclosed metal shroud, fabricated enclosure of sheet steel with a powder coat finish, fitted with strip brush track seals at the ends and bottom of the shroud.

UN-91 / RW-91 ENCLOSED TRACK CONVEYOR CHANNEL SWEEPS

PROVIDES

Continuous Cleaning of all Internal Surfaces

Ease of Installation

Non-sparking Brushes

REDUCES

Particulate Buildup

Fall Out

Rework of Painted Parts

Wheel and Chain Wear

Costly Downtime

***For Best Results, Install
Channel Sweep Every 75 ft –
100 ft Of Chain.***

CAUTION:

Always check for potential interference of Channel Sweep with other equipment installed on Conveyor. These include automatic lubrications and cleaning equipment. Failure to remove Beam of Channel Sweeps prior to operation of this equipment could result in damage to equipment and/or Conveyor components.

Removes dirt and debris from the internal conveyor track surfaces to improve grounding and reduce rejects

Easily installed by replacing a single chain link. Replaceable brushes.



**Model UN-91
for Unibilt/Rapid
Conveyors**

2.5 in W x 2.375 in H

REPLACEMENT BRUSHES

#91302RB (4) for UN91

**Model RW-91
for Richards-
Wilcox Conveyors**

1.75 in W x 2.3125 in H

REPLACEMENT BRUSHES

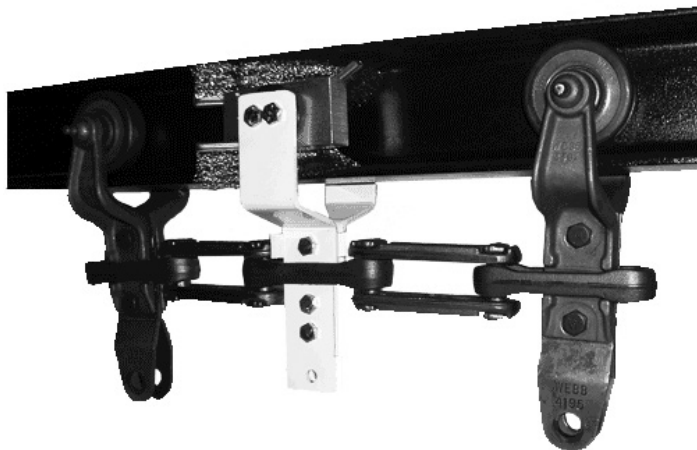
#91312RB (4) for RW91

* Brass brushes are standard for assemblies and replacement brushes. Stainless Steel brush assemblies and replacement brushes are also available.

3-91BC/4-91BC/6-91BC I-BEAM CONVEYOR BEAM SWEEPS

Cleans the web surfaces of the rail.

*Reduces debris fall out and improves
grounding contact.*



MODEL #3-91BC *For 3 in I-Beam*

REPLACEMENT BRUSHES

#B913BRTB Top/Bottom (4)
#B913BRS Sides (2)

MODEL #4-91BC *For 3 in I-Beam*

REPLACEMENT BRUSHES

#B914BRTB Top/Bottom (4)
#B914BRS Sides (2)

MODEL #6-91BC *For 6 in I-Beam*

REPLACEMENT BRUSHES

#916BRTB Top/Bottom (4)
#916BRS Sides (2)



PROVIDES

Continuous cleaning of all internal
surfaces

Ease of installation

Non-sparking brushes

REDUCES

Particulate buildup

Fall out

Rework of painted parts

Wheel and chain wear

Costly downtime

*For best results, install
one beam sweep assembly
every 200 feet*

*Available for 3", 4" and 6"
I-Beam conveyors*

*Replacement brushes
available for all units*

OP-55 PNEUMATIC CHAIN PIN CLEANER

DESCRIPTION

The OP-55 Pneumatic Chain Pin Cleaner is equipped with an electrical junction enclosure with a three (3) position control switch, air control solenoid valve, air pressure control regulator, and an adjustable precision arm.

FEATURES

Available for operation on standard 115 VAC or 230 VAC, 50 Hz or 60 Hz

The simple and reliable Precision Arm positions the cleaning nozzles in the critical and hard-to-reach chain wear areas where dirt build-up can occur

Non-contact positive switching sensor

Clamp-on mounting feature for overhead system installation; no welding required

Can be interfaced with existing or anticipated conveyor maintenance equipment

Three (3) position selector switch with manual override

36 in long Neoprene rubber curtain for improved safety and easier housekeeping (easily cut to fit specific needs)

OPTIONS

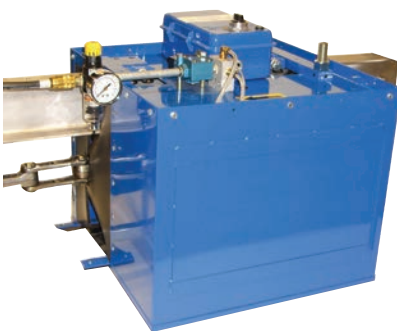
Totally Enclosed Assembly Metal Shroud

Effective and low-cost cleaning system for Overhead and Inverted Rivetless Chain applications.



OP-55 SPECIFICATIONS

Operating Temperature	40°F to 125°F (4°C to 52°C)
Pressure Range	0-150 psi (1034 kPa)
Electrical	115 VAC, 50/60Hz
In-rush	14.7 volt-amps (0.12 amp)
Seal	10.4 volt-amps (0.09 amp)
Net Weight	35 lbs (15.9 kg)



OP-55
*Shown with Optional
Totally Enclosed
Shroud Assembly*

Mighty Lube® NEXT GENERATION CONVEYOR MONITORING SYSTEM



When considering the Conveyor Monitoring System,
think about the following questions:

1 How much does
a minute of
downtime cost?

2 If your conveyor
chain needs to be
replaced, what would
the total cost be?

3 What are the costs
involved in **diagnosing**
and repairing the
problem with a line?

Mighty Lube® NEXT GENERATION CONVEYOR MONITORING SYSTEM

*Monitors conveyor chain wear
- link by link and 10ft data*



FEATURES/BENEFITS

Provides chain wear average and chain life projection

Monitors drive amps, air take-up and counterweight take-up distance

Monitors chain speed & drive hours

Detailed lubrication reports and settings changes*

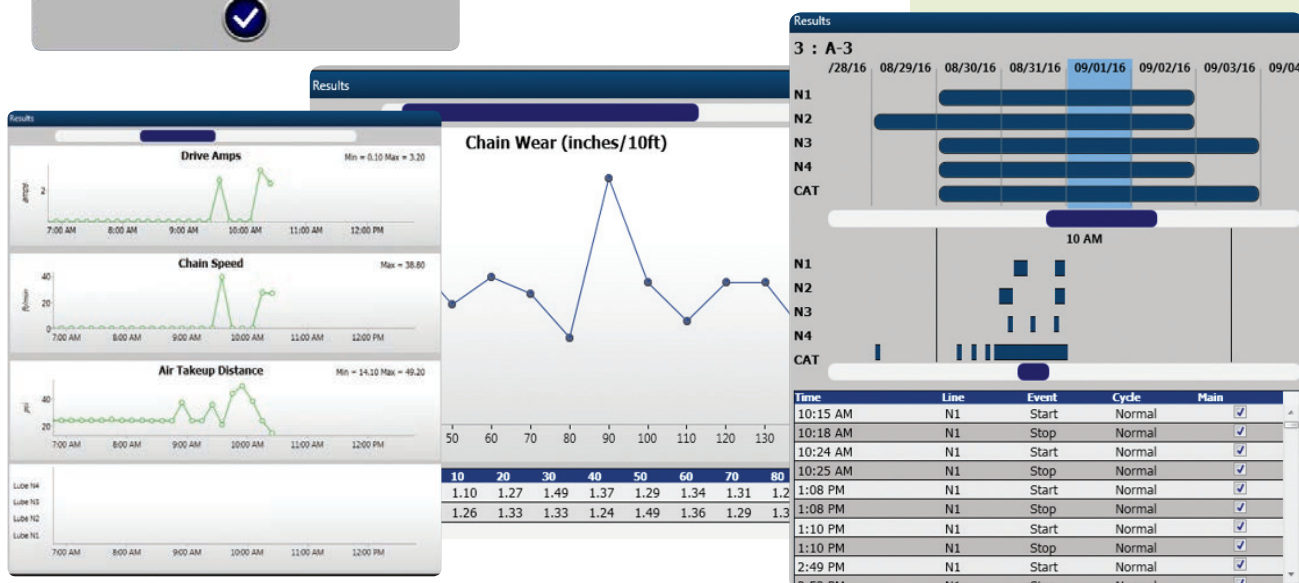
New and improved analytical data

Dog pitch spacing monitoring

Several new color conditions

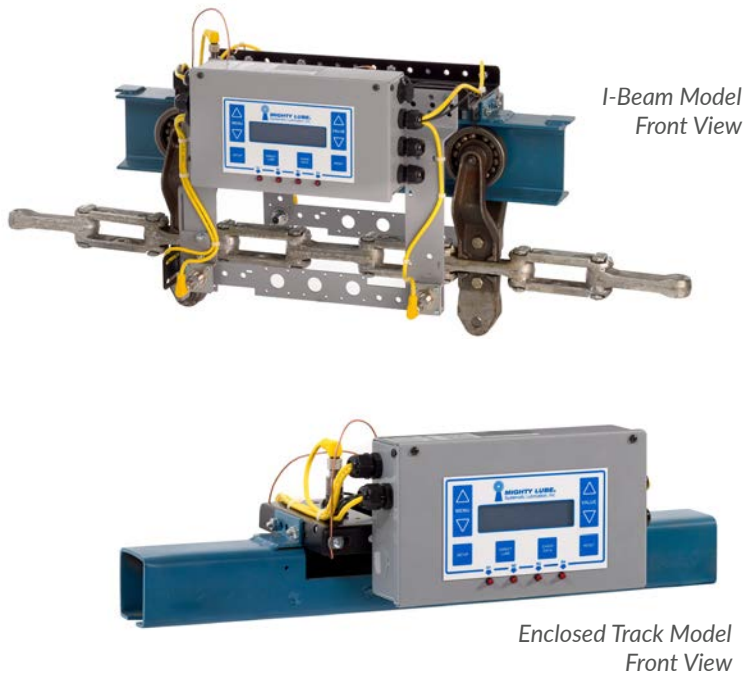
Supports up to Windows 10 PC

**Lubrication reports and settings only available in Permanent Monitor PLUS Lubrication models.*



Mighty Lube® MULTI LINE CONVEYOR MONITORING SYSTEMS

Permanent



PERMANENT SYSTEM FEATURES/BENEFITS

Monitors Chain Wear - Link by Link

Analytical data screens, such as long term chain wear average

Monitor up to 100 conveyors with one expandable system

Utilizes the latest patented technology

View data from any PC connected to your network

Full-Color, Printable Charts and Graphs

Portable



PORTABLE SYSTEM FEATURES/BENEFITS

Monitors Chain Wear - Link by Link

Portable so it can be used on multiple conveyors in a facility

Battery powered for ease of use

Direction of travel detection

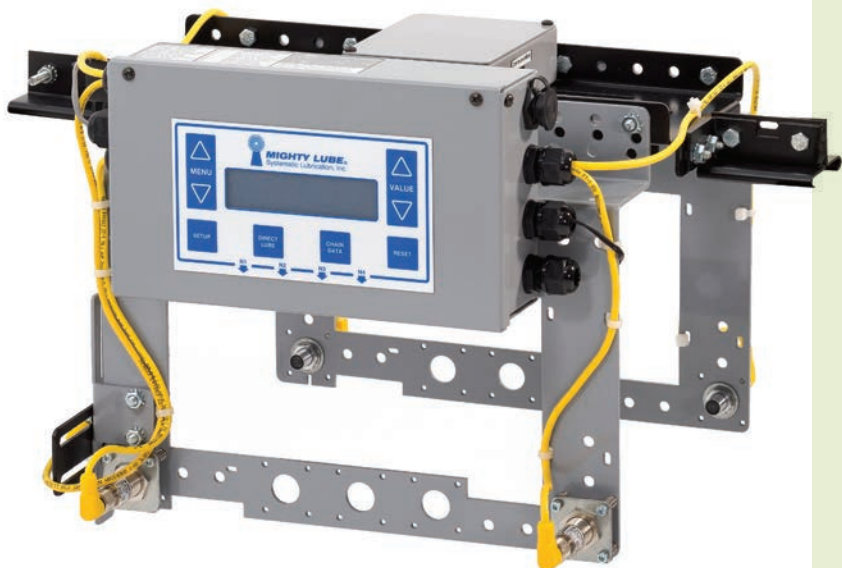
Easy installation and setup

Includes Windows based tablet with USB connection

Utilizes the latest patented technology

Mighty Lube® SINGLE LINE (STATIONARY) CONVEYOR MONITORING SYSTEM

**Monitors Conveyor Chain Wear
- Link by Link**



FEATURES/BENEFITS

Monitor the critical lines individually

Utilizes the latest patented technology

Includes Windows based tablet with USB connection

Single use license and Mighty Lube® program included

Option of metric or standard measurements provided

MODELS

Enclosed Track

MODEL #5701M
for Unibilt/Rapid Enclosed Conveyors

I-Beam

MODEL #5703-3M
for 3" with x348 Pitch Conveyors

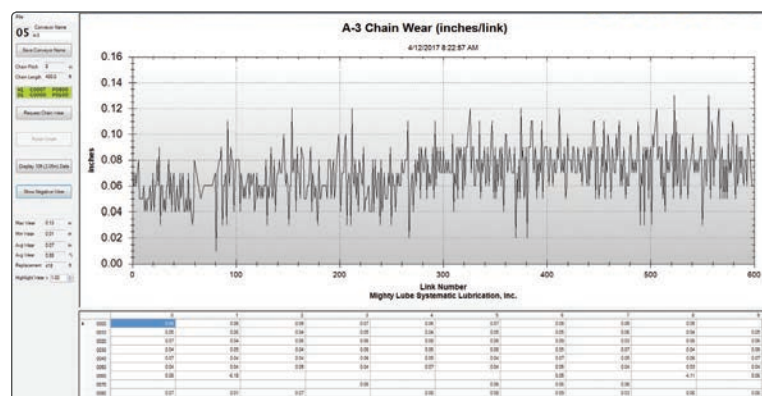
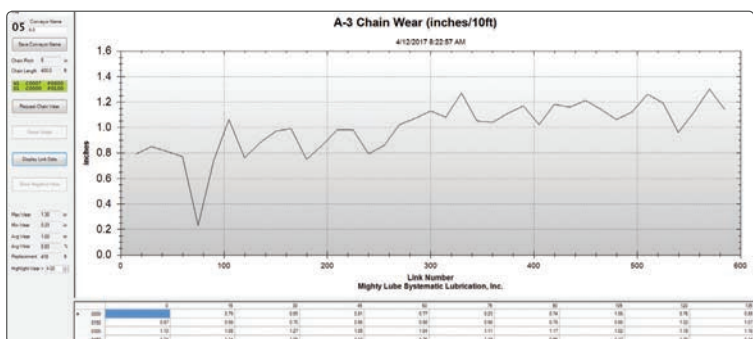
MODEL #5703-4M
for 3" with x458 Pitch

MODEL #5704-4M
for 4" with x458 Pitch

MODEL #5704-6M
for 4" with x678 Pitch

MODEL #5706-6M
for 6" with x678 Pitch

*Additional models available for
Inverted and Specialty Conveyors.*



Mighty Lube® PAINT MARKER (OPTIONAL) FOR MONITORING SYSTEM

Allows for automatic marking of worn links or areas that exceed company set parameters



FEATURES/BENEFITS

Compatible with all Mighty Lube Conveyor Monitoring Systems

Portable – can be moved from one conveyor to another

Power and control provided from monitoring head unit

Utilizes standard aerosol paint can (not included)

Includes 8-ft. control cable

Available for inverted and overhead conveyors

**CONTACT OPCO® TODAY FOR
CUSTOM QUOTE ON EQUIPMENT**

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231-924-6160

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info@opcolube.com

WEBSITE:

opcolube.com



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