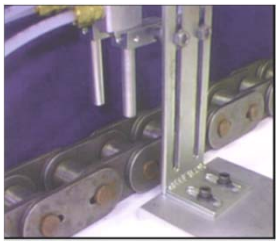
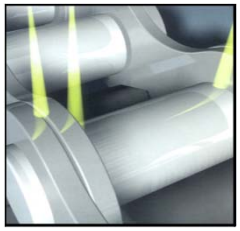
Lubrication Solutions for Chain and Conveyor Systems



Properly lubricated chains and conveyors can last 3 to 10 times longer.

Chains & Conveyors play a vital role in manufacturing and production processes.
They lift and transport product from one location to another, transmit power, control machine movement, position parts and components, etc.

The demands placed on chain and conveyor systems make lubrication a vital component of the overall reliability program.



The key to proper chain & conveyor lubrication is to maintain an adequate film of lubricant between the chain friction points.

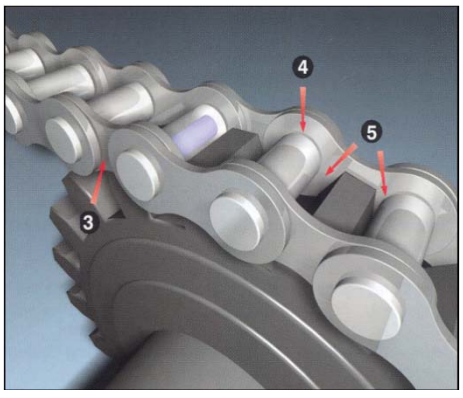
To keep your chains and conveyors operating, your chains require;

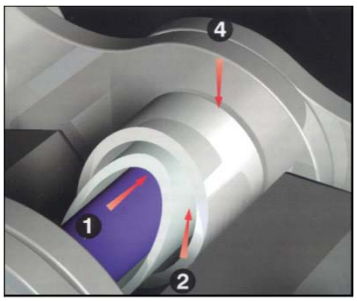
The Right Lubricant – a quality lubricant that can penetrate into the friction points between the pins and bushing, bushings and rollers, wear plates, etc. is essential. Coating the chain or conveyor with a lubricant that does not penetrate and protect the critical wear points will not provide adequate protection.
Applied's lubricants are designed to work as a lubricant, penetrant and cleaner that reach all of the critical wear points. Applied's lubricants are formulated and blended in house to meet the specific demands of each application.

In the Right Place - lubricants need to be applied to critical wear areas of the chain or conveyor.
Applied offers a comprehensive line of precision, industry proven application systems that are designed to deliver lubricant accurately to the critical wear points of the chain.

In the Right Amount - applying the right lubricant, in amounts adequate to maintain a lubricant film between the critical wear points, is the objective of chain and conveyor lubrication.

Applied can provide an application system to meet the specific demands of the application. Systems that deliver precise amounts of lubricant t ensure effective lubrication and reduced mess.





1. Friction between the bushing/pin.
2. Friction between the bushing/roller.
3. Friction between the outside/inside plate.
4. Friction between the plate/bushing
5. Friction between the sprocket, roller and internal plate.

Applied Lubrication Technology Inc.

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Chain & Conveyor Lubrication

Lubricants

Applied formulates and blends their own lubricants.to meet the extreme lubrication demands of chain and conveyor lubrication. Applied's lubricants are tried and proven on a diversity of applications throughout North America, Mexico, some Asian countries and the UK.

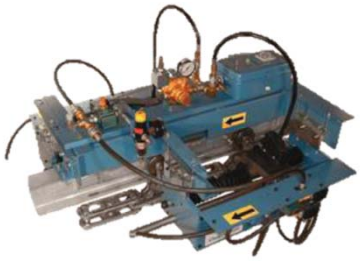
E-Coat Lines Paint Line Conveyors Scrap Conveyors Food Grade Applications Bakery Chains Transfer Lines Kiln/Dryer Chains Oven Chains Escalators Etc.

Heavy Duty – Production Chain & Conveyor Lube Systems

Production lubricant application systems that are designed to provide contact free lubrication of chains and conveyors. Lubricant is applied in precise metered volumes while the chain or conveyor is running. High cycle rates and long duty cycles provide reliable lubrication for a multitude of industrial applications.

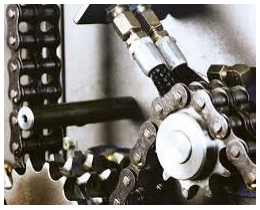
Tamper Proof and Variable Speed Programming Options Available

Systems for all chain types including Monorail Conveyors, Enclosed Track Conveyors, Inverted Chain Conveyors, Apron Conveyors, Transfer Chains, Roller Chains, Gypsum Chains, etc., etc.



Automated Grease Systems – for trolley wheel conveyors

Automated grease systems serve to ensure that trolley wheel conveyors are properly and adequately maintained. Manual lubrication of several hundred or several thousand trolley wheels is simply not viable. Automated systems inject precise amounts of lubricant into the wheel bearings while the conveyor is running. Precise control of the amount of lubricant being applied combined with timed and monitored lube events ensure a clean, well lubricated conveyor.



Automated Brush Type Systems

Automated brush type systems provide an excellent means of applying and controlling lubricant flow to the chain. Positive displacement measuring valves are cycled from the machine's PLC or from a system controller and a precise, measured amount of lubricant is sent to the each brush at timed intervals. The brushes transfer and maintain a lubricant film on the chain.

Gravity & Single Point Lubricators

Gravity and Single Point type chain oilers can provide an economic solution to many chain lube applications. They operate on a constant feed principle supplying a controlled amount of oil through an applicator to the chain. Solenoid equipped units are available for gravity applications that require automatic or remote control of the oiler.

Cleaning Brushes

Brushes reduce downtime by cleaning your conveyor system while it is operating.
Applied offers a complete offering of conveyor cleaning brushes .

Chain Wear Monitor Service

Chain Wear Monitoring of X-Type conveyor chain is a service offered by Applied Lubrication Technology. Chain Wear Monitoring provides a wear/stretch measurement of every link in the chain allowing badly worn links to be detected and replaced before a failure occurs.

Custom systems available.
Service to most makes of chain & conveyor lube systems.
Full system design and installation capability.

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