





CASTROL'S LUBECON BRAND OFFERS YOU A COMPLETE RANGE OF WORLD-CLASS CHAIN LUBRICANTS, LUBRICATING EQUIPMENT AND PRODUCT SUPPORT SERVICES DESIGNED TO HELP YOU ACHEIVE:

- 1. LONGER CHAIN LIFE
- 2. OPTIMUM CHAIN PERFORMANCE
- 3. EXTENDED MAINTENANCE INTERVALS
- 4. INCREASED PRODUCTIVITY
- 5. DECREASED MAINTENANCE COSTS
- 6. LOWER OVERALL LUBRICANT CONSUMPTION AND WASTE

Castrol is the industry-leading supplier of high-performance lubricants, custom application equipment, and dedicated services for industrial conveyor systems. Our best-in-class products, coupled with the largest and most experienced service network in the industry, provide LubeCon customers with a competitive advantage by reducing operating costs and downtime.

Castrol chain lubricants are formulated using the highest quality raw materials and manufacturing processes to secure your advantage.

LUBECON® BRINGS SOLUTIONS



EQUIPMENT

TO MAXIMIZE CONVEYOR LIFE AND

MINIMIZE YOUR MAINTENANCE COSTS.

Lubricator

Our lubricators are precision engineered to deliver a controlled volume of lubricant to all vital chain parts, reducing chain wear, lubricant consumption, and waste.

- Programmable shot-to-point lubrication
- Customized configurations to match customer needs
- Durable, low-maintenance design





Central System

Each central system can feed multiple lubrication units throughout your facility. Fully automated operation ensures chains will be lubricated on time, every time.

- PLC interface with fault indicators
- Capability to pump a full range of viscosities
- Built-in password protection
- 55-gallon and 12-gallon tanks available



Automatic Conveyor Greaser

The Castrol Automatic Conveyor Greaser eliminates the downtime needed to grease trolley bearings by automatically lubricating during the conveyor's normal operation.

- Eliminates over/under lubrication
- Lubricates every trolley
- Unique break-away feature prevents equipment damage
- Easily configured for most conveyor types



Conveyor Cleaning Equipment

Castrol's heavy duty brush cleaners are a simple solution to downtime associated with buildup and contamination. Adding a brush system to your conveyor ensures your chain will be maintenance free for many years.

- Powered and non-powered models available
- Auto-reverse and auto-retract features to extend brush life



Conveyor Monitoring System

Measure, record, analyze, and pinpoint conveyor, machinery, and lubrication issues with this simple plug-and-play digital and analog device system.

- Real-time data analysis
- Email and text messaging alerts
- Analysis software
- Time/date stamp of lubrication activities
- Monitor bearing conditions, voltage, current, pressure, fluid level, hours, tempature, position, and more.



Chain Wear & Trolley Monitor

Help avoid costly downtime by identifying, predicting, and trending chain wear with the use of a Castrol chain wear monitor. Our technology bridges the gap of other units by utilizing hundreds of sensors to accurately measure chain wear.

- Non-intrusive measuring
- · Instant notification of critical conditions
- Castrol exclusive: identify damaged trolley wheels/brackets
- High-wear visual paint marking
- Portable and fixed models



OUR HIGH PERFORMANCE LUBRICANTS EXTEND CHAIN LIFE AND BOOST YOUR PRODUCTIVITY

High temperatures

During applications in the high temperature range — at operating temperatures exceeding 150°C (300°F) — no residues (coking) should form on the chain that would impair its trouble-free operation. As lubricants evaporate, they should remain fluid as long as possible.

The level of remaining residues should be as low as possible.

Castrol chain lubricants are designed to perform and keep performing at high temperatures.



Dusty environments

Some lubricants leave a wet, sticky surface that attracts and binds even the softest dust to create a paste that reduces the speed of the chain, increases power requirements and rapidly abrades and shortens the life of sprockets, links and bushings. Normal operating practice in many dusty environments, such as gypsum, metals, cement, paper or flour mills, has been to operate without lubricant. Excessive wear, downtime and lost production are the result.

The semi-dry lubrication attribute of Castrol LubeCon Series products provide a very light film, giving the appearance of a dry film. This ensures minimum pickup of abrasive dusts, lint, sand, and other particles, thus eliminating formation of abrasive compounds which can increase wear and shorten chain life. Before and after studies show that our lubricants can extend chain life by better penetrating into the working parts of the chain.



Paint shop applications

Castrol LubeCon synthetic products are useful in applications where lubricants may come into contact with cathodic electrodeposition coatings, such as in automotive paint shops and the metal decorating industries. Using our paint compatible chain lubricants helps minimize

contamination and lubricant related "fish eyes" and craters. Should our product drip into a water base process bath, it will simply dissolve and disperse, preventing accumulation and the disruption of coatings or electrodepositions.



Powder coat production lines benefit by using Castrol LubeCon thin-film, dry-film products. These products are designed to quickly penetrate and clean vital chain parts to deliver a dry solids anti-wear package that offers superior film strength and lubricity.

Food and beverage applications

Applications where lubricant may come into contact with food or food packaging often requires products that are Food Grade NSF approved.

Castrol LubeCon has a full range of NSF approved greases and lubricants. Our greases and lubricants have a large application range from high-temperature proofer oven chains, high-speed canning chains to general pillow block bearings. LubeCon lubricants can help reduce VOCs, lubricant consumption, and improve overall house-keeping issues which are vital in the food and canning industry. Our experienced personnel have helped eliminate metal exposure fallout by utilizing the proper equipment and lubricants for our customers in the canning industry.



EXPERIENCE COUNTS WHEN IT COMES TO SERVICE

PROTECT YOUR INVESTMENT AND MAXIMIZE YOUR SAVINGS

For more than 100 years, Castrol has been providing superior quality products and services for chain and conveyor customers. LubeCon factory-trained field personnel are always where you need them, when you need them. Each of our dedicated sales and service professionals are able to recommend, install, and maintain the right equipment, lubricants, and support services for your individual needs.

Safe and Reliable Service

Health, Safety and Environment (HSE) is the cornerstone of our business and we have the highest expectations for our HSE performance. The care that we put into the safety of our products and practices directly benefits our customers, their employees and the communities in which they operate.

At Castrol, we make sure that all our employees and contractors are well-informed, well-trained, engaged and committed to the HSE improvement process. We recognize that safe operations depend not only on technically sound plant equipment, but also on experienced people and an active HSE culture, and that no activity is so important that it cannot be done safely.



Documented Success

Castrol LubeCon specialists tailor a service plan to match your needs. Each service call is documented and communicated so that you never have to wonder about the condition of the LubeCon equipment in your facility. In addition, all process improvements are documented through case studies that you can use to implement best practices across multiple company sites.

Ask your LubeCon representative about:

- Extended Warranty Services
- Customized Case Studies
- Plant Lubrication Surveys
- Customized Service Intervals
- Chain Wear Monitoring Services
- Lubricant Sampling and Reporting Services



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