

Industrial Chain Lubrication



Improve Chain Service Life with Automatic Chain Lubrication Systems

ATS Electro-Lube supplies a number of solutions for industrial chain lubrication. Our automatic chain lubrication systems will extend chain life, reduce downtime and repair costs, and make your plant more environmentally friendly.

Whether in the -40°C of Canadian mines, high contaminant zones of the cement industry, wet areas of food & beverage, or the humidity of pulp & paper plants, ATS chain lubrication systems are the most reliable and durable available. We offer a cost-effective solution to industrial chain maintenance.

The systems are customisable with battery, AC power, or DC power, and available with motion controlled activation. Contact us today to discuss your requirements.

Benefits

Significantly Improve Chain Life - Effective chain lubrication significantly reduces wear on chain links, provides impact damping, and reduces galling. Crucially, our chain systems allow oil to penetrate to the inner plate, pins, and bushings, where most wear occurs. A customer who approached ATS was tired of replacing chain links every 6 weeks. 12 months after switching to ATS chain lubrication systems they reported no chain wear.

Reduce Operating & Maintenance Costs - ATS chain lubrication systems offer considerable cost savings. Repair & replacement costs are dramatically lowered, with some clients extending chain life from 3 months to several years. Energy costs are lowered by improved efficiency of chain operation. Loss of production is significantly reduced by minimising downtime caused by breakdowns and repairs, as well as downtime for maintenance hours spent lubricating the chains.

Reduce Lubricant Costs - The efficiency with which ATS lubrication systems deliver lubricant can significantly reduce oil use. A recycling company who switched to ATS saved 6L of oil per chain, per month. With 16 chains in the plant this saved them over 1000 litres of lubricant per year. Oil quality is also improved as new oil is continually applied to the chain, whilst contaminants are removed by the brush.

Remove Contaminants & Reduce Corrosion - Our chain lubrication solutions use oil brushes to apply lubricant to chains. Not only does the continual new supply of lubricant help to clean the chain, but the lubricating brushes help to clear contaminants from the chain. The brushes allow the lubricant to penetrate to the inner sections of the chain, lubricating the pins & bushings, and helping to prevent damaging water ingress.

Improve Plant Safety - Most plants use manual lubrication techniques to lubricate their chains. This requires the chains to be running, but forces a loss in production. Working on moving machinery poses a serious safety risk to operatives. ATS lubrication systems for chains ensure that all components are being lubricated - even during production hours. This means minimal downtime, and more importantly the safety of your maintenance staff.



direct chain oil application



4 brushes applying oil to paper recycling conveyors

Suitable for virtually any industrial chain application, including...

conveyor chains - drive chains - rapid freeze chain systems - automotive assembly - paper recycling machinery -
steel mill chains - roller coaster chain lifts - mining lifts - food & beverage processing

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