Automatic Lubrication Systems for Komatsu Equipment

One Stop Shopping
Increase productivity and reduce maintenance costs with a factory-installed automated lubrication system
Why Komatsu Installed Automatic Lubricating Systems are the Best

- They’re factory installed – you get properly mounted components and better protection than a less expensive field installed option.
- Steel tubes are guarded and hoses wire wrapped. Jobsite damage to the system is minimized.
- It’s Komatsu Engineered and will perform at peak savings.
- The grease is precisely metered and the machine will require less lubricant and waste of money.
- Hard to reach lube points are permanently attached to the system. Lubricating the machine is safer, quicker and less prone to oversight.
- Lubrication is performed during the work cycle. The lubricant is evenly distributed while you gain productivity.
- Proper lubrication adds life to the machine components and reduces failures and downtime.
- Maintenance intervals are extended leaving more time for production.
- Lincoln Industrial has a national dealer network. The machine retains better residual value and ease of service.
- The grease reservoir is clear and simple to visually inspect.
- It has an integrated and adjustable timer that makes it easy to adjust cycle of the grease system to suit working conditions.
- The system and installation are available through Komatsu’s One Stop Shopping program. The entire system is eligible for retail finance and floor planning.

Manual Lubrication

<table>
<thead>
<tr>
<th>Lubrication intervals</th>
<th>Lubricant in bearings (quantity)</th>
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</thead>
<tbody>
<tr>
<td>Good lubrication, good protection</td>
<td>Minimum quantity</td>
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<tr>
<td>Wear due to friction, little protection</td>
<td></td>
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</tbody>
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Automatic Lubrication

<table>
<thead>
<tr>
<th>Lubrication intervals</th>
<th>Automatic centralized lubrication offers:</th>
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<tbody>
<tr>
<td>Increased profits</td>
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<tr>
<td>Longer maintenance intervals</td>
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<tr>
<td>Lower repair/spare part costs</td>
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<tr>
<td>Improved operating/readiness times</td>
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<td>Decreased lubricant readiness times</td>
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<td>Significant contributions to the environment</td>
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<td>Positive lubrication</td>
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</table>
Facts about having an Automatic Lubricating System factory installed by Komatsu . . . . .

- An automated lubrication system consists of a 24 VDC pump with an adjustable built-in timer and three progressive metering valves.
- It reliably eliminates manual greasing.
- Grease is repeatedly applied at a regular preset time interval as the machine works.
- Metal tubes and guarded hoses carry the grease to each lubrication point.
- Only the correct amounts of grease are delivered according to Komatsu’s specifications.
- Komatsu has partnered with Lincoln Industrial to provide state-of-the-art product and world-class engineering.
- Any lube point, even those under the machine or inside guarded and unsafe areas can be lubed automatically.
- The automatic lubrication system uses a unique, one-piece metering valve to provide positive, proportional displacement of standard NLGI #2 grease.
- Factory installation through Komatsu’s One Stop Shopping program ensures a finished product superior to after the fact field installations.
- Options include monitoring which will provide a warning light in the cab indicating reservoir low level and/or detection of a line not accepting grease.
- Also available is the H-Link lube for an excavator that adds four points to include bucket link pin, two coupling pins, and the bucket cylinder rod end.
- The electrically operated pump is fully protected against humidity and damage.
- The high impact polymer reservoir provides visual indication of the lubricant level.
Save time and money with a factory installed Lincoln Autolube system

Komatsu’s capability to provide factory and field installed Automatic Lubrications Systems is subject to continual improvement. Machine models currently available include wheel loaders, hydraulic excavators, and mining equipment.

The Komatsu Candiac plant has the capability to install Lincoln Automatic Lubrication systems on all wheel loaders built in Quebec Canada:

- WA180 through WA500
- New models added as they are introduced
- Monitoring system added as an option

In addition, the Komatsu Chattanooga plant currently supplies Lincoln Automatic Lubrications Systems on all Hydraulic Excavators built in Chattanooga Tennessee:

- PC200 through PC400
- H-Link lubrication available as an option
- Monitoring system added as an option
- Hydraulic Breaker Automatic Lubrication available

Pricing is available in the Allied section of the standard machine price list or on a quotation basis for models not listed through the Working Gear Group.

Tap into a growing market and offer your customer an option that will save them time and money. Take advantage of Komatsu’s One Stop Shopping program and order a factory installed Lincoln Autolube system today.