Provides: Lincoln Automatic Lubrication Systems on all GMK 5100, 5200 and 7450 All Terrain Hydraulic Cranes.

System Benefits:
- Decreases Bearing Failures
- Improves Machine Reliability
- Improves Productivity
- Reduced Labor cost
- Improved Safety

System Includes:
- Pump station, meter valves, all supply line & feed line tubing/hose, and factory installation

<table>
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<tr>
<th>GMK 5100</th>
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<td>Upper Carriage</td>
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System Operation

System operation:

1) The pump is actuated automatically by an adjustable controller.
2) The lubricant is delivered to the divider valves through the supply line.
3) The divider valve dispenses lubricant in measured amounts directly to the bearing through the feedline. Visual indication of cycle pin assures that all points are lubricated.

Automatic Systems:

A controller turns the pump on for a fixed time at preset intervals. The valves cycle, lubricating the bearings as long as the pump is running. It stops when the controller times out.

Secondary divider valves expand system capacity and design flexibility.

Specifications

Divider Valves

- Output per outlet, in³ (cm³): SSV=0.012 (0.2) SSVM=0.0037 (0.06)
- Max. outlets per valve: SSV, 18; SSVM 12
- Materials: Carbon steel SSV, SSVM Stainless Steel SSV

203 Pumps

- Power: 12 or 24 Volt DC
- Output per minute: 0.171 in³ (2.8 cm³)
- Reservoir capacity: 4 lb., 122 in³ (1.8 kg, 2000 cm³)
- Max. system pressure: 3600 psig (248 bar)
- On time: minimum 2 minutes; max. 30 minutes
- Off time: minimum 1 hour; max. 15 hours
- Enclosure rating: IP54 (protected from water spray, all directions)