



Automatic Lubrication System

Proper lubrication is key to ensuring maximum design life of the crane machinery and systems. Improper or infrequent lubrication can lead to excessive wear and heat, which may shorten equipment life. To ensure proper lubrication is maintained, Seatrax has developed an automatic lubrication system, which is offered on all new cranes as an option for the purchaser to consider. This system will grease lubrication points automatically based on prime mover run time and will dispense a pre-determined amount of grease to each point separately, ensuring no one fitting receives too much or too little grease.



The lubrication system is designed for use in unclassified or hazardous areas and includes:

- Heavy duty electric motorized pump with reservoir
- Fully adjustable, 316SS, positive displacement, high pressure grease injectors with self-aligning piston for each fitting
- High pressure hose and 316SS tubing to connect the system
- Electronic controls through the CCM to activate the system



Automatic Lubrication Modules

Module for upper and lower slew bearing and boom foot pin bushing lubrication

- Grease points for upper and lower slew bearings and boom foot pin bushings
- Includes oversized tubing

Module for sheave lubrication

- Grease points for all load and suspension sheaves*
- Includes oversized tubing to run down the length of the boom

Module for hoist lubrication

- Grease points for main, aux and boom hoists
- Includes swivel joints to lubricate spline joints on the rotating shaft

*If crane is equipped with a pendant and bridle suspension, the bridle sheaves will not have automatic lubrication.