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The Tekomar Mechanical Lubricator Upgrade converts the original system into an engine load dependent concept. The precise design allows accurate electronic control of the feed rate which results in lower consumption.

TEKOMAR MECHANICAL LUBRICATOR UPGRADE

Load Dependent Cylinder Lubrication.

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- Target feed rate setting by digital input
- Precise timing and injection every revolution
- Low feed rates without load restriction
- Installation during normal service
- Shortest payback period

For further information: www.tekomar.com/mlu
The Tekomar Mechanical Lubricator Upgrade (MLU) replaces the weak point of the mechanical cylinder lubrication system on B&W engines: the engine speed dependency.

MLU is the most cost efficient upgrade solution available, having low initial cost, short delivery time and no impact on operation during installation.

**CONCEPT**
An electronically controlled actuator is engaged on the offset shaft and allows that the feed rate can be set accurately based on a load dependent lubrication characteristic, which is the standard for today's engine designs. MLU preserves the precise timing and injection at every revolution.

The original lubricator including quills etc. remain untouched.

Taking into account the huge savings in cylinder lubrication oil consumption the payback time of this investment is typically less than 8 months (depending on engine size and load pattern).

**INSTALLATION**
After a delivery time of less than 6 weeks, the installation can be done in 2 days in normal service. Commissioning is completed during port stay and a short voyage. Commissioning includes crew training with guidance to achieve the desired feed rate.

**OFFERING**
This upgrade is available as a full package including installation, commissioning and on-board training.

Tekomar Mechanical Lubricator Upgrade has DNV-GL principal approval.