

TEKOMAR CYLUBE S

Optimizing cylinder lube oil consumption

Mechanically controlled cylinder lubrication systems have two disadvantages: they tend to **wear out** and thus are **difficult to adjust**.

Tekomar CYLUBE S makes this system **easy to adjust** and **reliable in operation**. The accurate setting of the feed rate – enabled by a proportional flow valve – will result in lower consumption.

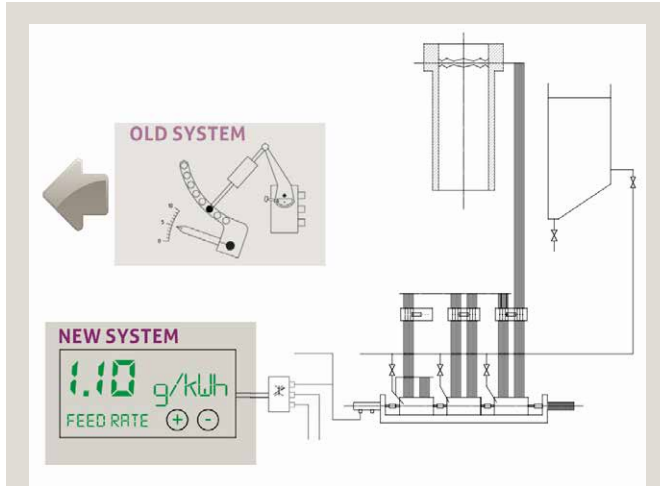
- Fully electronically controlled
- Accurate setting by digital input
- Installation during normal service
- Low initial cost



For further information: www.tekomar.com

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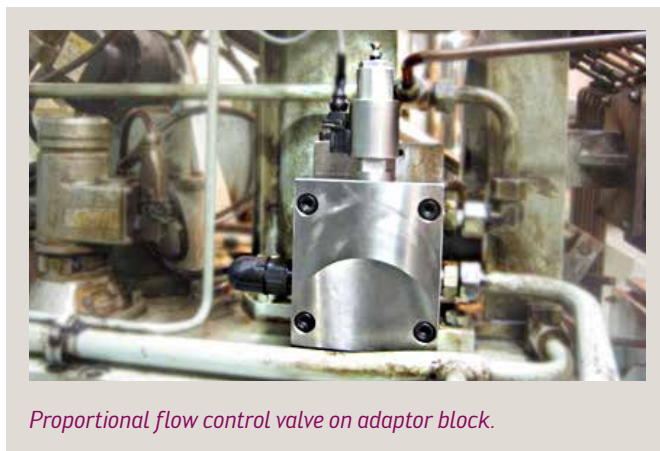
Tekomar CYLUBE S replaces the weak point of the cylinder lubrication system: the linkage.



The linkage and mechanically controlled flow regulating valve are replaced by a proportional flow control valve and a control system.

CONCEPT

Connected to a "load indicator x rpm" signal or optionally to a torque meter, the control system converts the actual engine load into a lubricating signal. The signal is fed to the flow control valve. Knowing the lubricator shaft rpm and the screw setting of the lubricators (all brands), the control system can then determine the actual lubrication amount.



Proportional flow control valve on adaptor block.

An electronically controlled proportional flow control valve makes it possible to accurately set the feed rate with a control panel and to provide lubrication that is appropriate for the actual engine performance. Exactly as implemented on current engine designs.



Digital input panel on control box.

INSTALLATION

After a delivery time of less than 6 weeks, the installation can be done in 3 days in normal service. Commissioning is completed after only 12 hours in a port stay and a short voyage. Commissioning includes crew training with guidance to achieve the desired feed rate.

All other parts of the system (original lubricator, quills, etc.) remain untouched – including the emergency lubrication.

OFFERING

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

Tekomar CYLUBE S has DNV-GL principal approval.