



# HJ X-TRONIC

UPGRADE MECHANICAL LUBRICATORS TO ELECTRONIC LOAD DEPENDENT LUBRICATION



Electronic regulation unit for retrofitting existing mechanical lubricators switching to load dependent cylinder lubrication.

HJ X-Tronic is an electronic regulation unit that converts mechanical lubricators from RPM dependent to BHP (load) dependent. HJ X-Tronic ensures that the cylinder oil consumption is adjusted automatically to match the current operating conditions such as load-%, BN-level or the type of fuel including the sulphur-%.

The result is significant savings in cylinder oil consumption combined with a better engine condition with a lower wear rate and cleaner emissions.

## Ease-of-use

With HJ X-Tronic, the need for the crew to manually adjust the stroke length on the mechanical lubricators during normal operation disappears entirely. The system has a user-friendly interface located in ECR.

## Add-on system

HJ X-Tronic can be retrofitted onto most mechanical lubricators already installed on the engine, or come as a complete package mounted on new mechanical lubricators.

## Benefits

- Up to 60% savings in cylinder oil consumption
- Reduced wear of liners and piston rings (extended lifetime)
- Reduces manual work for crew
- Oil consumption depending on load, BN and Sulphur
- Automatic Cleaning Sequence (patented technology)
- Mechanical backup in case of an electronic issue – the engine will always be lubricated.

## Feed rate comparison

