

# LEMAG LUBEmag®

## PERMANENT CYLINDER OIL MEASURING SYSTEM

- Permanent display of specific cylinder oil consumption in g/kwh
- Display of daily cylinder oil consumption
- Manual bypass pipe
- Reliable and safe operation
- Touch screen operated



### avoid excessive cylinder liner lube oil consumption

The LEMAG LUBEmag® system is designed to measure the specific cylinder oil consumption of two-stroke engines in combination with the LEMAG Shaftpower® system. This can reduce wear of engine components caused by either under or over-lubrication, and can also show potential cost saving by avoiding any excessive consumption of cylinder liner lube oil.

One of the major design targets was to avoid any increase of the pipe resistance; the LEMAG LUBEmag® system is suitable for all gravity driven cylinder oil supply systems and only requires a small installation footprint due to its vertical design.

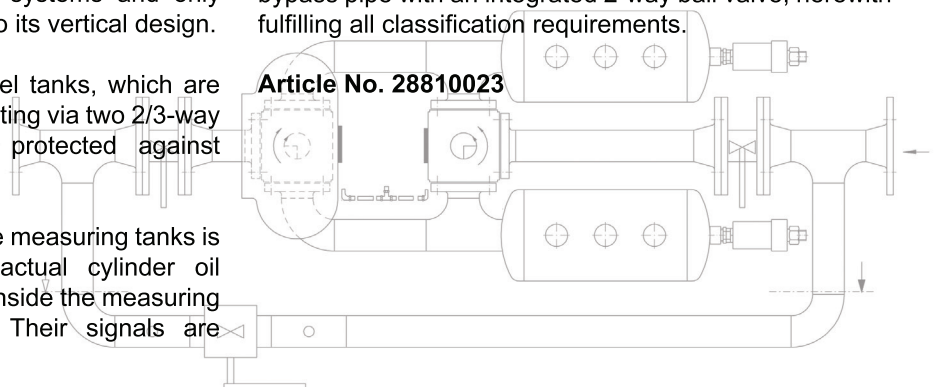
The system consists of two stainless steel tanks, which are filled and discharged automatically, alternating via two 2/3-way valves. Both tanks are aerated and protected against overfilling.

The time the system takes to discharge the measuring tanks is the basis for the calculation of the actual cylinder oil consumption. The level of the cylinder oil inside the measuring tanks is controlled by level switches. Their signals are

transferred to an electronic controller, which in turn communicates with the LEMAG Shaftpower® system. The consumption values are indicated on the LEMAG Shaftpower® touch screen display.

In case of a "black out", the 2/3 way valves directly connect the cylinder oil pipe, without any measuring cycle with help of an integrated spring return. The LEMAG LUBEmag® system is also equipped with a manual bypass pipe with an integrated 2-way ball valve, herewith fulfilling all classification requirements.

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