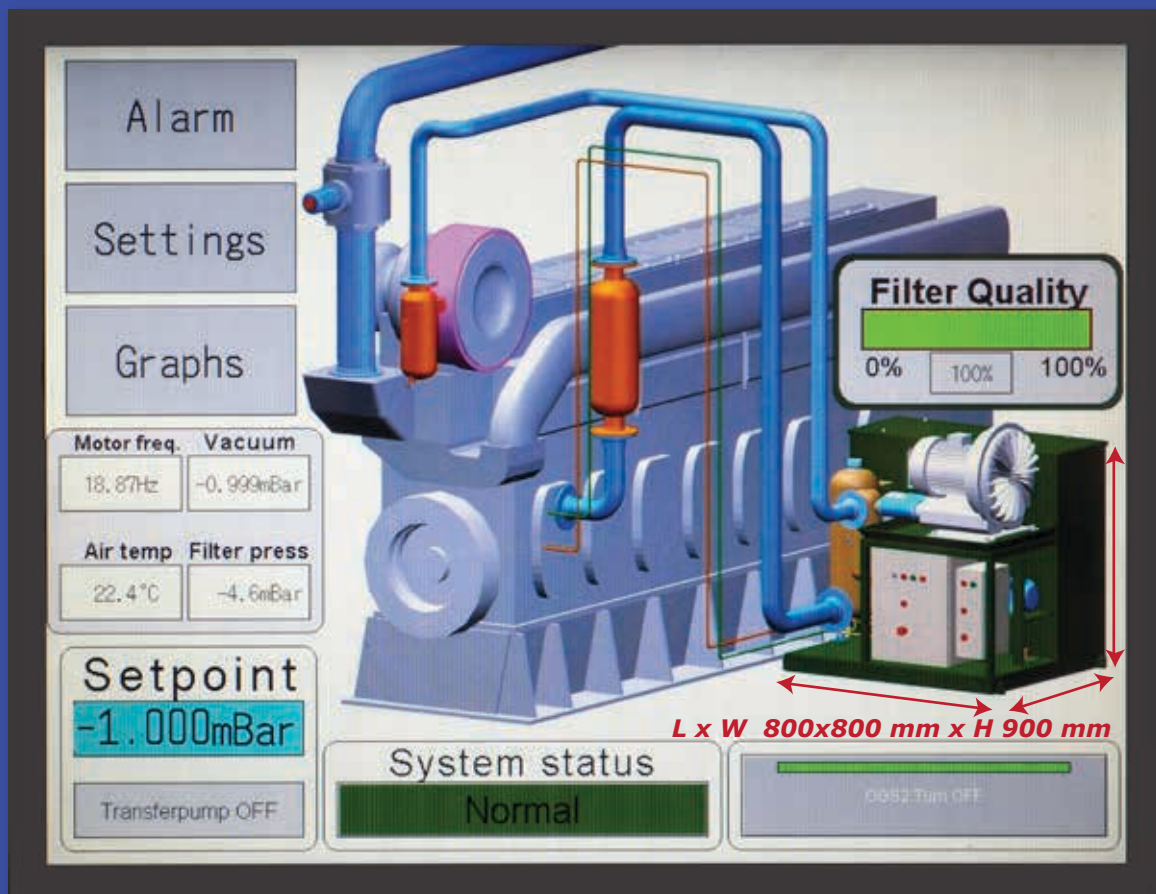


VÉLTAK

Oil/Gas Crank Case Separator for Diesel & Gas Engines



" FOR A CLEANER FUTURE AND BETTER HEALTH "

Veltak's environmental policy:

"No company can be excluded from co-responsibility for our environment and it has to focus on the environmental problems. Therefore Veltak wants to be in the leadership and work effectively on reducing the environmental pollution and aim at a self-supporting ecological society."

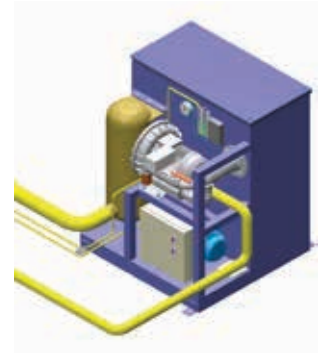


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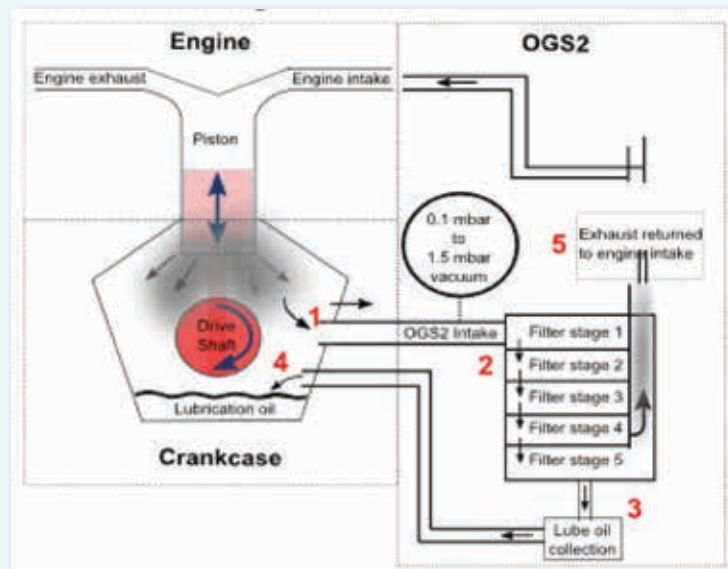
THE ONLY EFFICIENT VACUUM CRANK CASE SYSTEM FOR YOUR DIESEL ENGINE

How it works

OGS 2 is a standalone unit installed inside or in the vicinity of the engine room. It is a five step filter system that evacuates oil-mist and gases from the crankcase via suction. It then separates and further cleans the valuable lubrication oil in the oil-mist from fuel rich exhaust gases and contaminants. The cleaned lubrication oil is returned to the oil sump and then exhaust is routed back to the engine intake.



OGS 2



Overview of OGS 2 System

Specifications

Connects to all types of diesel engines above 1200 kW

Dimensions length x width x height:

1500 – 6000 KW: L x W 800x800 mm x H 900 mm

6000 - 9000 KW: L x W 800x1140 mm x H 900 mm

Vacuum drawn: 0.1-1.5 mbar

Automatic vacuum regulation

Has no effect on Oil-Mist-Detectors

Crankcase exhaust is automatically opened to prevent over pressure, when OGS 2 is not in use.

OGS 2

" FOR A CLEANER FUTURE AND BETTER HEALTH "

We offer the following:

A new generation of Oil/Gas Separation for crank case.

OGS 2 stand alone unit for installation in the engine room.

OGS 2 has no influence on OMD.

OGS 2 can be connected to all types of engines above ca.1500 hp.

OGS 2 need no modification of the turbine.

OGS 2 has oil cleaning efficiency of 99.99%.

OGS 2 regulates automatically the vacuum in crank case.

OGS 2 reduces lubricating oil by 30 - 47% for a four cycles Diesel engine.

OGS 2 prevents crancase flowby to atmosphere.

OGS 2 can prevent crankcase explosion.

OGS 2 is a computer based unit.

OGS 2 can prevent fire in engineroom (less oil flowby).



The ship Thor HF-4 Motor : Alpha. 4000hp

*Achievement: Used **OilGasSep 2** for 12 months (nov.05 to nov.06)
Operation time: 310 days. Lubricating oil was reduced by 40 -47%.
Engine runs at ca. 90% load Lubrication oil consumption 0.21 - 0.23 g
per Hp/h. Efficiency of oil cleaning from exhaust gas from crank case to
turbine is 99.99%. Oil mist in engine room disappeared.*

Maintenance of OilGasSep 2 was zero.



**OGS 2 is a price effective investment for Ship owners,
Power stations, Marine engineers and the Environment.**

Congratulations Þór

With OGS 2 FOR 10 YEARS



The ship "Þór HF-4" Hafnarfjörður, with following result:
Average lubeoil consumption the last 10 years have been 20-25 ltrs/day
Usage > 300 days per year
Earlier lubeoil consumption from 47 to 90 ltrs/day
Lubeoil saving in 10 years >60.000 ltrs



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