

Monitoring

# Replica Test Kit

## CHRIS-MARINE® REPLICA TEST KIT

Extend the range of information you get from your LDM-measurement and get to know your cylinder liners' current health on micro-level.



### Product features

- Fast and easy to use – the silicon rubber is hardened after only five minutes on the cylinder liner wall
- Get a general picture of the cylinder liners' health – detect cat fines, clogged graphite's, micro cracks and other microscopic details performance
- No need to remove cylinder cover prior to replicating ranges
- Reusable dispensing gun
- One cartridge is enough for replicating 6-8 cylinder liners to handle
- Fast and easy
- An analysis will be performed by one of our experts
- Combine with LDM measuring for optimal results

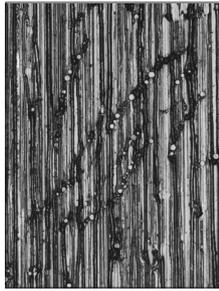
# CHRIS-MARINE® REPLICA TEST KIT

Watch video



## Extend your knowledge of cylinder liner health

Monitoring your cylinder liners' health is an important part of minimizing costs and downtime. Cylinder condition monitoring through liner wear measurements and camera pictures of liner and piston rings is greatly improved when simultaneously taking a replica sample of the running surface through the scavenge air port. When the replica is analysed under microscope by our experts we can conclude if the surface is normal or if it has defects.



Highly abrasive running surface with multiple cat fines, from poor HFO preparation



Normally abrasive, open graphite running surface



Micro cracked running surface after scuffing event caused by excessive lubrication

## How to use the replica test kit



1) Apply the silicon rubber on the back plate.



2) Hold the plate against the cylinder liner wall for 1-2 minutes.



3) Protect the replica and put it in a plastic zip bag.



4) Once the replica is received one of our experts will analyze the sample.

## Presentation of test results



Receive a complete inspection report including possible root causes for deviations and recommended counter measures when sending liner wear data, pictures and replica samples to Chris-Marine.

## Service all around the world

Chris-Marine cylinder condition services and training are available globally.



For more information, please contact:  
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