S.E.M.T. Pielstick

Anti-Bore Polishing Ring

Preservation of the piston head and the liner

Description
The use of such a ring prevents the contact between the carbon deposits on the piston crown and the liner.

These deposits often cause liner polishing which results in gas blow-by, risk of scuffing and increase lub. Oil consumption.

Characteristics
- Continuous cleaning of the piston head
- Reduced passage of carbon deposits in the liner
- Decrease of the liner attrition
- Increased cleanliness of engine oils and lubrication

Composition of the kit
- An Anti-Bore Polishing Ring
- A liner

Everllence

PrimeServ

Anti-Bore Polishing Ring

Preservation of the piston head and the liner

Benefits

- Oil consumption: save around 44% of oil consumption
- Spacing of cylinder inspection intervals.
- Longer life of the liner-segment assemblies
- Strengthening safety by reducing the risk of accidents linked to the explosion of blow-by gases

Engines

The ABP kit is developed for S.E.M.T. Pielstick PA6, PC2,5, PC2,6, PC4,2, PC4,2B engnie and for the navy, marine and power plant applications.

Certified quality

Everllence OEM products

Montage

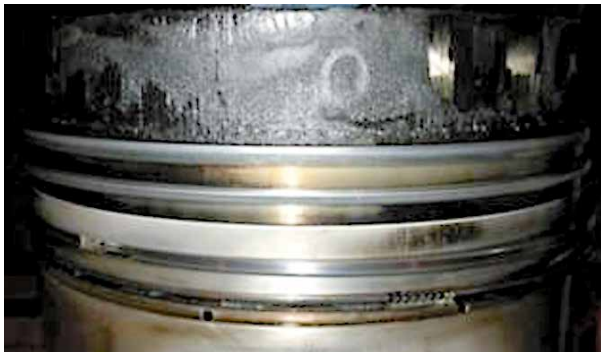
The leveling of the cylinders is achieved by replacing the engine's liner with the one provided in the kit, by mounting the ring ABP. The replacement of the segments to be performed simultaneously.

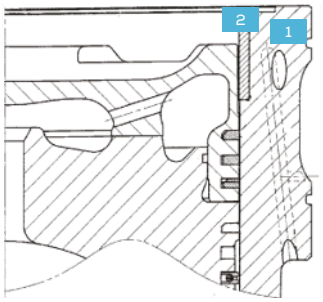
Depending on your installation, piston head machining or replacement will be required when mounting the ABP.

Over 200 Pielstick engines are equiped with anti-bore polishing ring.

Feedback from using ABP

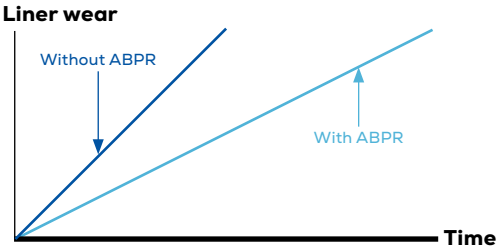
- 22% reduction of the liner attrition after 13 000 hours (average)
- 17% reduction of the piston ring attrition after 13 000 hours (average)
- 44% reduction of oil consuption, exemples:
  - 38% for a ferry boat of 4 engine (25Mw)
  - 44% for a cargo of 4 engine (28Mw)

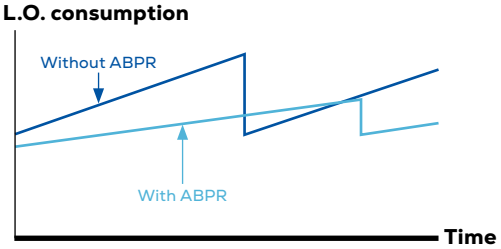




1 Liner

2 Anti-Bore Polishing Ring





Everllence France SAS
8 avenue Antoine Bourdelle
BP 427
44615 Saint-Nazaire Cedex
France
Phone +33 2 40 90 65 00
primeserv-fr@everllence.com
www.everllence.com

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