

Alpha lubricator MC upgrade

The Alpha Lubricator MC upgrade reduces cylinder liner wear and optimizes the cylinder lube oil consumption. The upgrade can consist of complete lubricators or parts to optimize existing lubricators.

Substantial over-lubrication during slow steaming generates abrasive deposits on the piston crown and rings, which increases the risk of cylinder liner damage and results in suboptimal usage of the cylinder lube oil.

Precise lube oil dosage reduces cylinder liner wear and maintenance costs

The control unit of the Alpha Lubricator MC upgrade optimizes the cylinder lube oil feed rate with an algorithm based on engine load. In addition to dosing the lube oil in proportion to the fuel oil sulfur content and the engine load, the control unit ensures a minimum lube oil dosage to provide adequate oil film and sufficient detergency.

Optimization for slow steaming

The Alpha Lubricator MC upgrade optimizes the cylinder oil usage for slow steaming. It is based on

the control unit software adopted in the MC engine design as of 2012, involving optimization of injection volume and frequency. Additionally, the upgrade includes smaller diameter injection plungers to reduce the amount of cylinder oil injected during slow steaming.

Please contact your Everllence PrimeServ office for more details.



Figure 1: Alpha Lubricator MC upgrade

Alpha Lubricator MC upgrade

Reduces cylinder liner wear and maintenance costs

Key benefits

- More accurate lube oil feed rate control at all engine loads
- Minimizes over-lubrication at low load to reduce deposits and improve the cylinder condition
- Implements features from a more recent engine design
- Upgrade to the latest software version for improved functionality

Scope of supply

- Lubricator upgrade kit
- Main Control Unit (MCU)

Applicable to

All Everllence B&W MC/MC-C engines

More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

Everllence PrimeServ

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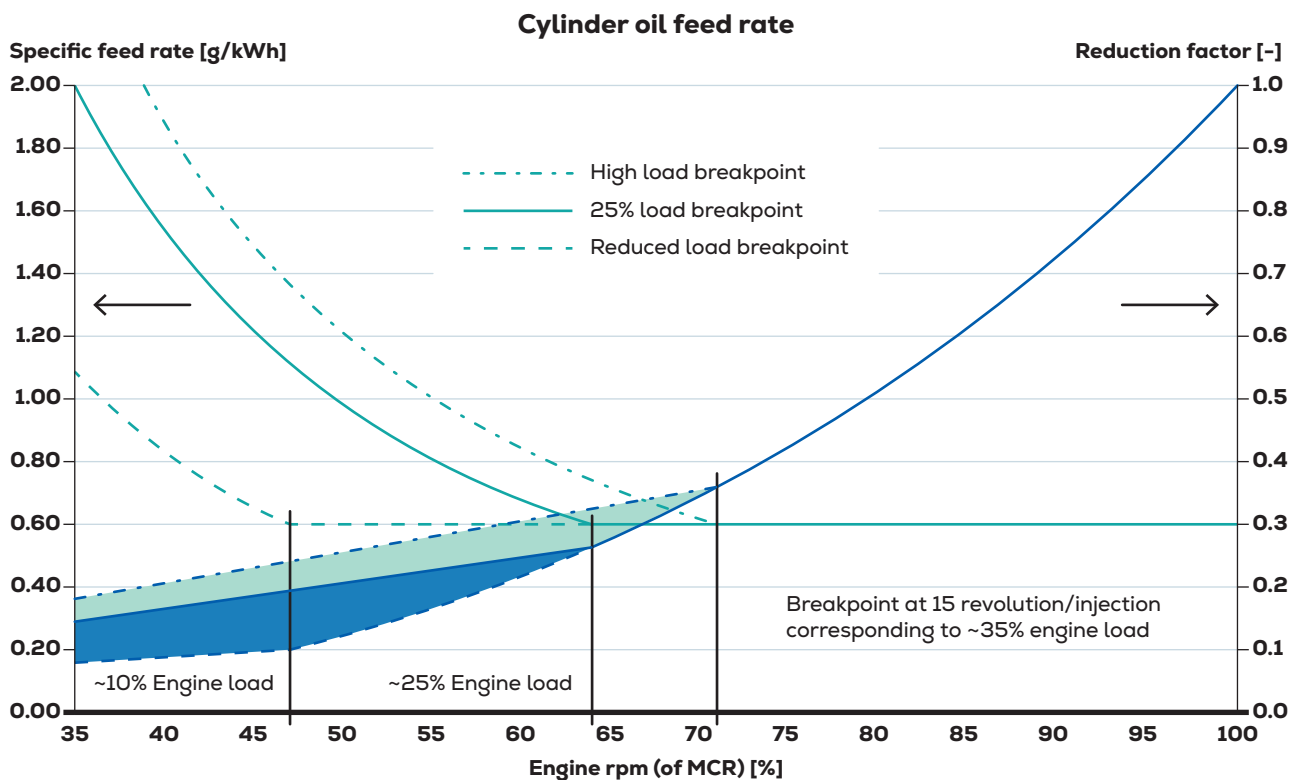


Figure 2: Lubrication algorithm