



## Maritime Engineering A/S

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# Alpha Lubricator Upgrade

- Upgrade for Super Slow Steaming Operation



### New Layout

Vessels operating in Super Slow Steaming mode with loads down to 10% will benefit from MAN's new layout of the Alpha Lubricator.

The new layout includes a number of design improvements; the injection volume and frequency has been changed to optimise the cylinder oil consumption at low load.

### Benefits of upgrading the system

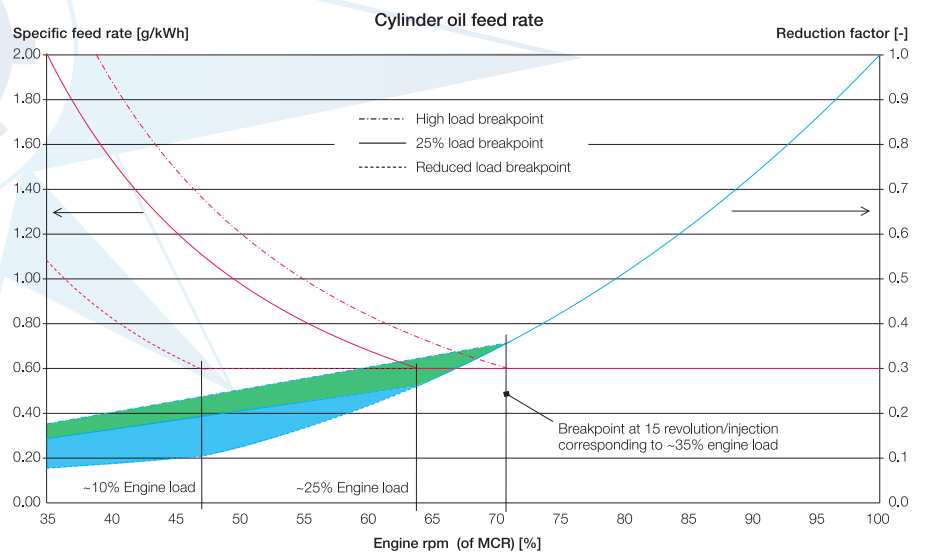
Cylinder lubrication oil savings of 20-50% at low load. More accurate feed rate control at all engine loads.

Minimising over-lubrication at low load, reducing deposits; hence improving the cylinder condition. Implementation of latest design features. Upgraded interface by latest software version.

### We have upgraded series of Alpha Lubrication systems

Ahrenkiel Shipmanagement have enjoyed a monthly saving of about EUR 3,000 per vessel.

**Quote** "Further to your good service I would like to inform you that the result caused by new software modification is clear visible. On mv AS Savonia reduction of the cyl. oil consumption for the last month is abt. 2,000 ltr, means abt 3,000 Euro per month."



Lubrication Algorithm, Source: MAN Diesel & Turbo.

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