Alfa Laval Separation Efficiency Upgrade

Certified flow rate (CFR) and increased engine protection

Concerns about optimum engine protection are growing due to the smaller size and potentially higher amount of cat fines in today's new low-sulphur fuels. By boosting your engine's protection to the highest level, you can prevent wear and avoid the potential high costs of engine damage, as well as the risk of vessel off-hire. The Alfa Laval Separation Efficiency Upgrade (SEU) is an easy way to get CFR-certified performance from your existing Alfa Laval high-speed separator, increasing its separation efficiency by up to 30%.

What we do

The Separation Efficiency Upgrade combines the latest-generation Alfa Laval separator disc stack upgrade kit with expert installation by an Alfa Laval Field Service Engineer. Our highly skilled Field Service Engineers can install the upgrade in less than four hours per separator.

After opening your separator and removing its existing disc stack, we install a new disc stack with an enhanced design (larger separation area and new distributor).

This upgrade will increase the separation efficiency and the performance will be documented with a CFR certificate approved by DNV GL.

Benefits

- Efficient and correctly performed upgrade
- Separation efficiency improved by up to 30%
- Reduced flow possible without losing separation capacity
- Quick and easy way to achieve CFR

Scope of service

The Separation Efficiency Upgrade is performed by an Alfa Laval Field Service Engineer and includes the following:

- Timely delivery of a new disc stack to your vessel (available immediately from stock)
- Removal of your separator's existing disc stack
- Expert installation of the latest-generation Alfa Laval disc stack
- No modifications to your separator's existing piping or wiring are necessary.

Scope of supply

- *Latest-generation Alfa Laval disc stack*
  Your separator's existing bowl is fitted with a disc stack of the latest generation, which features a larger separation area and new distributor design. The enhanced disc stack gives you up to 30% higher separation efficiency from the same bowl.
- *CFR certificate*
  CFR documentation approved by DNV GL will be provided upon the completion of the upgrade.

The Separation Efficiency Upgrade is offered for all Alfa Laval S separators

S200, S811, S816, S826, S821, S921, S926, S927,
S300, S820, S825, S830, S835, S831, S836, S936, S937,
S400, S840, S845, S841, S946, S947,
S500, S850, S855, S851, S856, S956, S957,
S600, S860, S865, S861, S866, S966, S967,
S700, S870, S875, S871, S876, S976, S977,
S800, S880, S885, S881, S886, S986, S987

This image is for illustration purposes only. Actual catfines vary in concentration and size.

Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval
Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com.

1000011884-2-EN 1912

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