

Alfa Laval

# Biofuel upgrade

For fuel and lube purifiers

## Transition to biofuels easily with a cost-efficient upgrade

Today's Alfa Laval high-speed separators are biofuel ready. If you're considering a switch to marine biofuels as a way of reducing emissions and improving sustainability, we can also upgrade your existing separators. Upgrading ensures seamless biofuel processing and continued cleaning performance – for a minimal investment. Above all, it protects against harm that could be caused by inefficient handling of biofuel characteristics.

Our service helps you with:

- Cost-efficient transitioning to more sustainable biofuels
- Enhanced performance to meet HVO and FAME challenges
- Reliably cleaner fuel
- Uninterrupted engine protection

## How it works

Biofuels are used in the same way as conventional oils, which makes them an attractive option for reducing CO<sub>2</sub> footprint as the marine industry decarbonizes. But biofuels also have unconventional properties, including more varied densities, moisture content and potential impurities. Our biofuel upgrade lets your existing separator handle these differences, so that operations continue smoothly and your engine stays protected.

Depending on the biofuel you intend to use, as well the model of your separator and its control system, either you or an Alfa Laval Marine Service engineer can perform the upgrade. In most cases, only the control system software needs to be updated. The latest software is free of charge for Alfa Laval customers, but engineer attendance is needed to upload it.

For a few separators, a new gravity disc (or set of discs) is required. Alfa Laval MIB 503 separators need an updated bowl bottom as well. In these cases, we provide a revised installation manual and spare parts catalogue as part of the service.

In all cases, the upgrade process is simple and cost-effective. Afterwards, a "Biofuel ready" sticker is attached to your separator's control panel. This lets crew members and others know that it's safe and efficient to use with HVO and FAME.\*

\* The upgrade provides compatibility with HVO (EN15940) and with FAME (EN14214 or ASTM D6751) blends comprising HFO and/or distillate.

## How the service can be delivered



On site



Remotely



At service centres



On board



In dry dock



### 24/7 Service & Support

With service centres, field service engineers and spare parts distribution worldwide, our Alfa Laval Marine Service network is always on the job for you. When you contact our 24/7 Service & Support, our service experts coordinate everything to solve your need – across oceans, continents and time zones.

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### Related services for fuel and lube purifiers

- Onboard Performance Assessment
- Remote Performance Assessment
- Automation upgrade
- Separation Efficiency Upgrade
- Separator Uptime Protection Package
- Dry Dock Service Kits
- Onboard troubleshooting
- Remote troubleshooting
- Purifier replacement
- Feed pump replacement

### Contact Alfa Laval

Tell us your needs, and our team will make it happen.

[www.alfalaval.com/contact-us/  
service-and-support](http://www.alfalaval.com/contact-us/service-and-support)

