Heavy Fuel Oil blending on viscosity

FEATURES

Money saving – not necessary to deliver heavy fuel with “better” product specification then desired

Continuous in-line blending – no problem with product samples

General

PetroOnline’s fuel blender is made for blending heavy fuel oil with gasoil to achieve a set value for viscosity. A continuous injection principle combined with advanced control and monitoring functions provides good accuracy and ensures the quality of the final product.

Installation

The blender is factory built and normally placed in a container made of steel. PetroOnline can offer a turnkey delivery of a blending container. The container can, if necessary, be delivered isolated and/or equipped with heating element for temperature control inside the container.
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Functional description

The figure above shows a bunker blender where two qualities of heavy fuel oil, with different sulphur content, are blended for a set value of sulphur content. This blend is then blended with marine gasoil for a set value of viscosity. Current viscosity is monitored continuously throughout the bunkering. From an operator’s panel all the ongoing operations are visualized. The figure to the right shows a screenshot from the operator’s panel.

Figure 1: Schematics of viscosity blending

Figure 2: Screenshot from operator’s panel