

Heavy Fuel Oil blending on viscosity

FEATURES

Money saving – not necessary to deliver heavy fuel with “better” product specification than 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.



Picture 1: Blending container



Picture 2: Viscosity meter

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

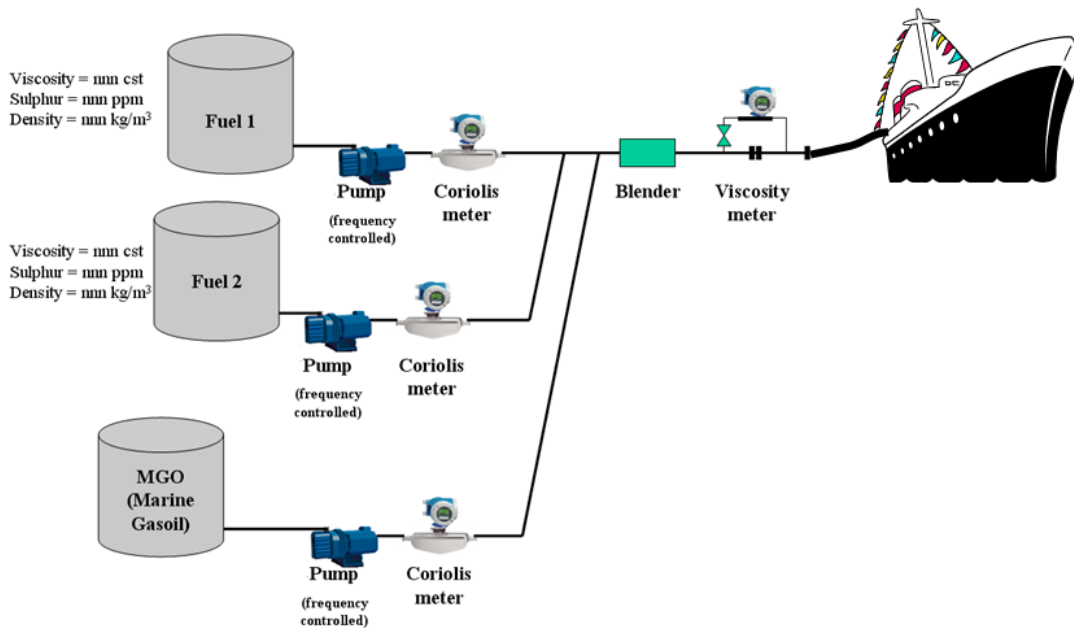


Figure 1: Schematics of viscosity blending

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.

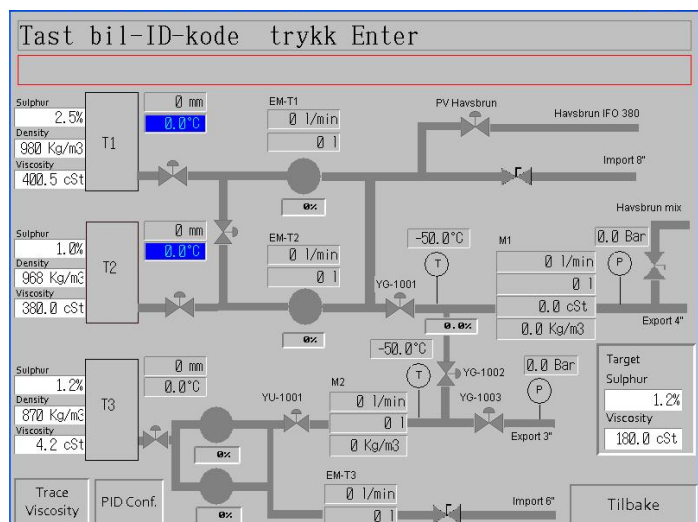


Figure 2: Screenshot from operator's panel