

## AEGEAN Oil Terminal Fujairah Non-Intrusive Flow Measurement of HFO.

### Case:

- DN500 Steel Pipe
- Pipe Thickness : 15 mm
- Medium : Heavy Fuel Oil
- Pressure : 5 Bar
- Viscosity: variable (180—700 cSt)



### The Challenge:

- No system shutdown.
- Need accurate volume and mass flow measurements during fueling operations.
- Flow meter to be unaffected by viscosity & line pressure.
- Wide pipe size range.



### Solution:

- Flexim G608 Portable Ultrasonic clamp-on flow meter using shear-wave transducers. (No interruption to system)
- Temperature inputs available on the instrument.
- ATEX Zone 1 approved instrument.
- Viscosity and Density correction for non-intrusive mass flow measurement.

