



HD Q-PAC® Oil/Water Separation Coalescing Media European Union/Water Separation Test

Summary of CEN EN 858-1 Testing Requirements and Results



HD Q-PAC® in Oil Water Separator



HD Q-PAC® U.S. Patent #5,498,376
Standard module size 1 ft³

CEN EN 858-1 Test Method for Class I Coalescing Separator

Light liquid:	density 0.85 g/cm ³ *
Water:	potable or purified surface water
Solubility of light liquid:	nil, unsaponifiable
Water turn over:	minimum four volumes of test unit
Liquid flux:	25-40 m ³ /m ² -h (10-15 gpm/ft ²)
Max. residual light liquid:	5 mg/L**

* Fuel oil, per ISO 8217, designation ISO-F-DMA
 ** Hydrocarbon content analysis by prescribed Infrared Spectroscopy procedure.

HD Q-PAC® Test Results Danish Institute of Technology

Depth HD Q-PAC®:	610 mm (24 inches)
Inlet Oil Concentration:	4250 mg/L
Liquid Flux:	31.1 m ³ /m ² -h (12.7 gpm/ft ²)
Outlet Oil Concentration:	0.98 mg/L*
Oil Droplets > 20 μ:	none observed

* Average of five repetitions, data range 0.9 - 1.1 mg/L

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