



Visual Oily-fluid Breakthrough Indicator and BilgeKleen

MYCELX Equipment

Specifications

Filtration Media
Color:

Yellow or Orange

Filtration Media
Material of
Construction:
**Polypropylene
with MYCELX
Proprietary
Chemistry**

Sump, Caps,
Wrenches Material
of Construction:

- **FDA Grade Polypropylene (CS, CLD & WLD)**
- **316L Stainless Steel and Alloy 22 with Borosilicate Tube (SLD)**

Max Operating
Temperature:
**125°F (52°C) or
High Temp Version
230°F (110°C)**

Max Operating
Pressure:
125 psi

Min Operating
Pressure Required:
2 psi

Operating pH
Range:
3 - 11



VOBI/BILGEKLEEN PART NUMBER CONFIGURATOR

MYCELX VOBI Type	Length (Inches)	Housing Type	Filter Type
<div>OC</div>	<div>5 10 20</div>	<div>CS (5" or 10") CLD (10" or 20") WLD (10" or 20") SLD (10" or 20")</div>	<div>CS Options (MD5S1, MD5S5, MD10S1, MD10S5) CLD, WLD, SLD Options (MD10LD1, MD10LD5, MD20LD1, MD20LD5)</div>

**Each VOB
Includes:**

- **Mounting Bracket and Hardware**
- **Housing Wrench**
- **MYCELX Filter**
- **Smart Pads for Cleaning**

Part Number Examples:

OC10CS-MD10S1 (10" Length CS Housing with MD10S1 Filter)
OC10CLD-MD10LD1 (10" Length CLD Housing with MD10LD1 Filter)
OC20WLD-MD20LD1 (20" Length WLD Housing with MD20LD1 Filter)

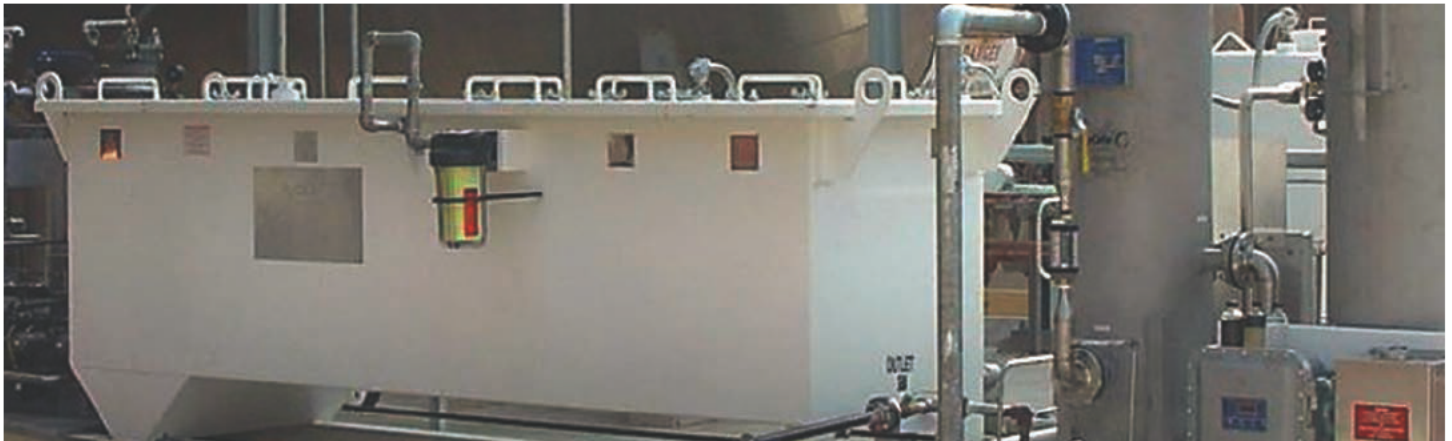
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VOBI

Lloyd's Register 2004 Certification Results - IMO MEPC 107 (49) Emulsion C test

Test Number	Hydrocarbon Index in ppm		Color
	Influent	Effluent	
TEST 1 (S2 – S1) 0.5 m3/hr	50,000	0.48	No Emulsion
TEST 1 (S4 – S3) 0.5 m3/hr	100,000	0.14	No Emulsion
TEST 1 (S6 – S5) 0.5 m3/hr	100,000	0.21	No Emulsion
TEST 1 (S8 – S7) 0.5 m3/hr	50,000	0.14	No Emulsion
TEST 1 (S4 – S3) 1.0 m3/hr	50,000	0.37	No Emulsion
TEST 1 (S4 – S3) 1.5 m3/hr	150,000	0.26	No Emulsion
TEST 1 (S4 – S3) 2.5 m3/hr	100,000	0.23	No Emulsion



Application in Action: CLD series used on MYCELX Advanced Separator (MAS) at SABIC Ibn Sina site.

Absorbs Oil Without Absorbing Water



Key Benefits

Real-time visual indication of oily fluid (oil, liquid polymer or solvent) breakthrough in water and air applications. Bright phosphoric colored MYCELX element allows for easy visual detection of concentrations well below 1 ppm. Unlike conventional devices which may need to be calibrated when temperatures differentiate, the VOBI is temperature invariant and does not require any form of calibration. Applications include bilge water, heat exchanger leak detection and oil water separator performance indicator.