

MAN B&W 8L27/38

Image courtesy of Joop Klaasman, vesseltracker.com

Specifications

Engine Model
MAN B&W 8L27/38

LO Type
Total LubMarine Disola

Fuel Grade
MGO

Installation

The M/V Boka Atlantis Diving Support Vessel was originally fitted with a standard Mann+Hummel FM600 centrifugal oil filter on its MAN B&K engine. To enhance engine reliability, an IOW Group MP600 was installed for a trial comparison. Designed with matching inlet and thread fixing hole sizes, IOW's centrifugal filters offer a straightforward replacement. Paired with an SCU-0002 monitor, engineers can track performance in real time and receive service alerts when needed.



Results

IOW Group vs. Mann+Hummel Performance

Model	Run Hours	RPM Start	RPM End	Sludge Thickness	Sludge Weight	Dirt Removal Rate
IOW MP600	256	4686	4636	7mm	978g	3.82g per hour
M+H FM600	260	n/a	n/a	1mm	260g	1g per hour
IOW MP600	350	4572	4626	6.5mm	1250g	3.57g per hour
M+H FM600	350	n/a	n/a	1mm	400g	1.14g per hour
IOW MP600	400	4562	4752	8.2mm	1532g	3.83g per hour
M+H FM600	400	n/a	n/a	2mm	708g	1.77g per hour
IOW MP600	450	4536	4710	10mm	1684g	3.74g per hour
M+H FM600	450	n/a	n/a	5mm	832g	1.84g per hour
IOW MP600	500	4569	4710	12.4mm	1776g	3.52g per hour
M+H FM600	500	n/a	n/a	6.5mm	1040g	2.08g per hour

- After 500 run hours, the IOW Group MP600 removed 1,776g at a rate of 3.52g per hour.
- In comparison, the FM600 removed 1,040g at a rate of 2.08g per hour in the same time.
- The MP600 outperformed the FM600 by 41.44%.
- RPM was not recorded for the FM600 as remote monitoring capabilities are not provided by M+H.