## Diesel Engines 12V/16V/20V 4000 M93L

for Vessels with Low Load Factors (1DS)



#### Typical applications:

Fast yachts, fast patrolboats, police craft and fire-fighting vessels

Engine model		12V 4000 M93L	16V 4000 M93L	20V 4000 M93L
Rated power ICFN	- KW (Mep)	2580 (3460)	3440 (4605)	4300 (5765)
Speed	rpm	2170	2170	2170
No. of cylinders		12	16	20
Bore/stroke	mon (in)	170/190 (6.7/7.5)	170/190 (6.7/7.5)	170/190 (6.7/7.5)
Displacement, total	I (low led)	51.7 (3155)	69.0 (4210)	86.2 (5260)
Flywheel bousing		SAE 00	SAE 00	SAE 00

Fuel consumption"		12V 4000 M93L	16V 4000 M93L	20V 4000 M93L
at rated power	g/kiWh	213	213	213
	1/h (gal/h)	662.1 (174.9)	882.8 (233.2)	1103.5 (291.5)
at optimum	£/30Wh	198	198	198

\* Tolerance +5N per ISO 304e, diesel fuel to DIN EN 590 with a min L.H.V. of 42800k1/kg (18390 BTU/Ib).

Engines available April 2008



# Mtu Detroit Series 4000 12v And 16v Engine Service Manual

**DP Hallahan** 

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