



# Ian Jennings Boat Safety Examiner



**6 Brackenhill Close, Links View, Northampton, NN2 7LD**  
**'Evening Tide', Bells Marina, Brundall, Norwich, Norfolk NR13 5PY**  
**Tel: 01604-716832 Mob: 078281-00418**

Company:	XXX Boats Services 125 Seaview Rd Sea Town Blackpool BT5 7HG	Unit ID No.	Marine Diesel
Contact:	John Baker	Description.	PORT ENGINE
		Make	
		Model.	
		Job Ref	25547346
		Location.	Cardiff
		Oil in use.	15W40

**Sample**      65693-001      **Report Date:**      15/10/2008

**\*\*\*Early Warning\*\*\*Early Warning\*\*\*Early Warning\*\*\*Early Warning\*\*\***

Symptoms:      Note level of: Silicon and Iron

Diagnosis:      Possible abrasive dust contamination and signs of early wear

Actions:      Change Oil & monitor at reduced period

<b>Sample ID</b>	65693-001
<b>Sequence Number</b>	1
<b>Date Sampled</b>	08/10/2008
<b>Date Received</b>	13/10/2008
<b>Test Date</b>	15/10/2008
<b>Unit Life</b>	
<b>Oil Life</b>	

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**Status**      CAUTION

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**PHYSICAL - PROPERTIES**

<b>Viscosity @ 40c</b>	cSt	97.2
<b>Water</b>	%wt	0.0
<b>TIM</b>	%	1.8

**SPECTROCHEMICAL - ANALYSIS**

<b>Iron</b>	mg/kg	<b>93</b>
<b>Chromium</b>	mg/kg	6
<b>Aluminium</b>	mg/kg	7
<b>Molybdenum</b>	mg/kg	22
<b>Copper</b>	mg/kg	8
<b>Lead</b>	mg/kg	6
<b>Tin</b>	mg/kg	1
<b>Nickel</b>	mg/kg	7
<b>Silicon</b>	mg/kg	<b>26</b>
<b>Sodium</b>	mg/kg	3
<b>Boron</b>	mg/kg	145
<b>Vanadium</b>	mg/kg	0
<b>Calcium</b>	mg/kg	3074
<b>Phosphorus</b>	mg/kg	1146
<b>Zinc</b>	mg/kg	1318
<b>Magnesium</b>	mg/kg	397
<b>Barium</b>	mg/kg	1

**Email: [boatsafety@hotmail.co.uk](mailto:boatsafety@hotmail.co.uk)**  
**[www.boatsafety-examiner.co.uk](http://www.boatsafety-examiner.co.uk)**