



Measured date: 09 Feb 2006
time: 01:43

M/T Kyma Diesel
Main Engine
MAN B&W 7S80MC

Condition Report

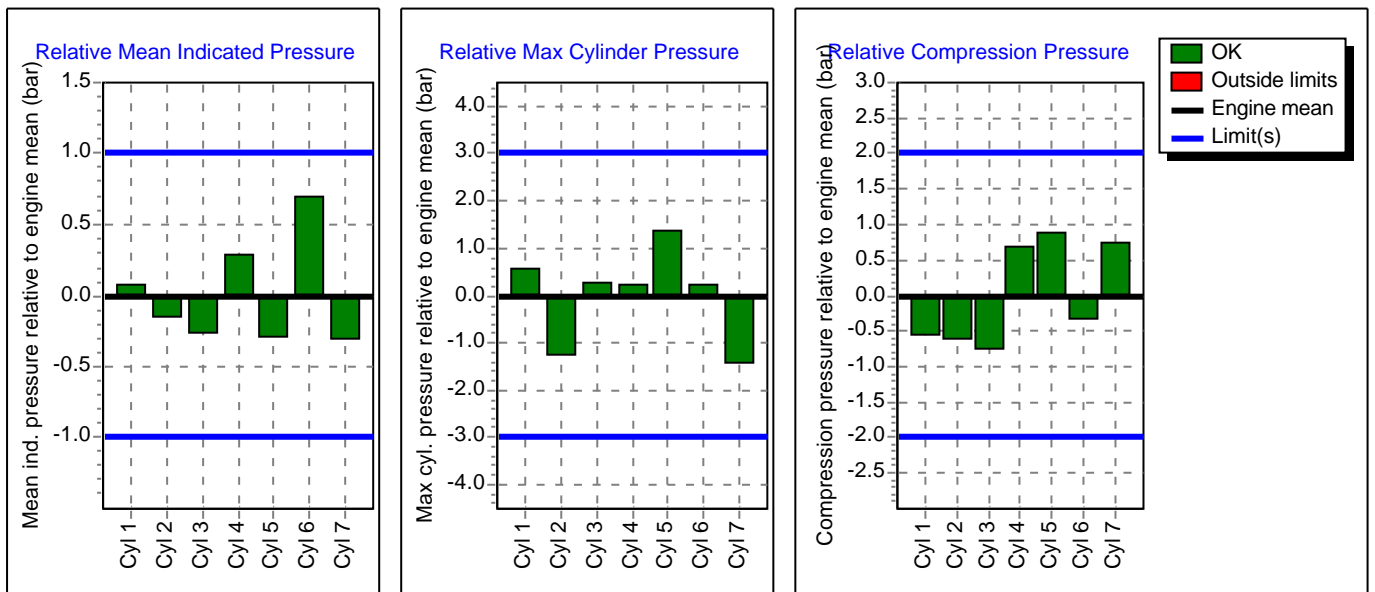
Indicated power: 19408 kW
Engine speed: 74.5 rpm
Scav. air pressure: 2.0 bar

Cyl #	Power (kW)	Rpm (rpm)	Pmi (bar)	Pcomp (bar)	Pmax (bar)	Pmax pos (deg)	Pexp (bar)	Pmax-c (bar)	Ignition (deg)	Pinj max (bar)	Pinj max pos (deg)
1	2785	74.5	14.6	96.5	120.3	13.9	43.1	23.8	2.4	573.9	9.9
2	2748	74.7	14.4	96.5	118.5	14.0	44.0	22.0	4.0	579.6	10.0
3	2723	74.6	14.3	96.3	120.0	13.6	43.0	23.7	2.6	602.2	9.6
4	2826	74.5	14.8	97.8	120.0	14.4	44.2	22.2	3.4	603.5	10.4
5	2716	74.5	14.2	98.0	121.1	14.2	43.1	23.2	2.7	606.6	9.7
6	2904	74.5	15.2	96.7	120.0	14.7	45.2	23.2	3.7	609.7	10.7
7	2706	74.3	14.2	97.8	118.3	15.1	43.6	20.5	4.6	615.9	10.1
Mean	2773	74.5	14.5	97.1	119.7	14.3	43.7	22.7	3.3	598.8	10.1

User comments

Calm sea.
Ballast, 75 % load, leg # 2.

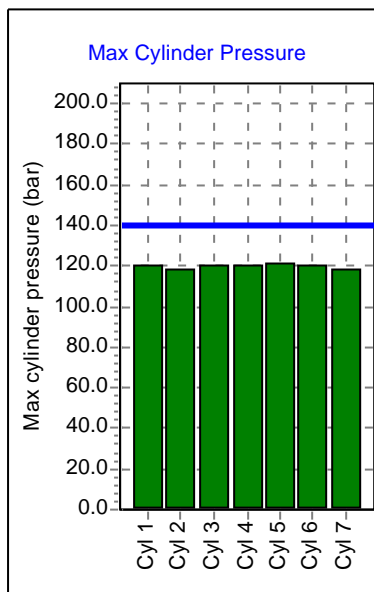
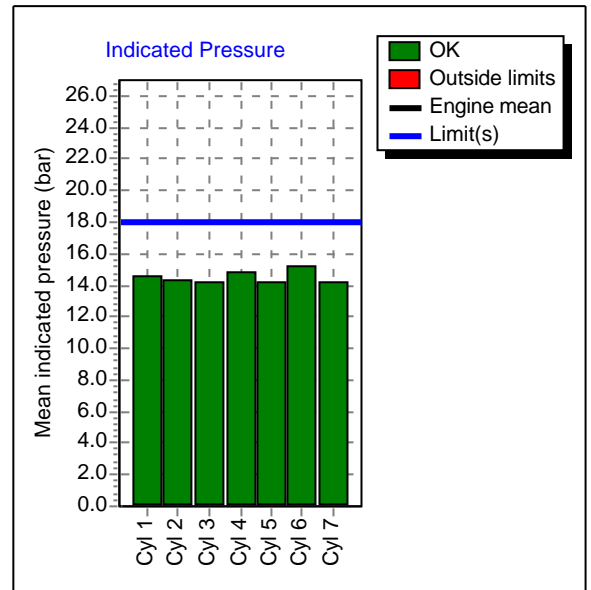
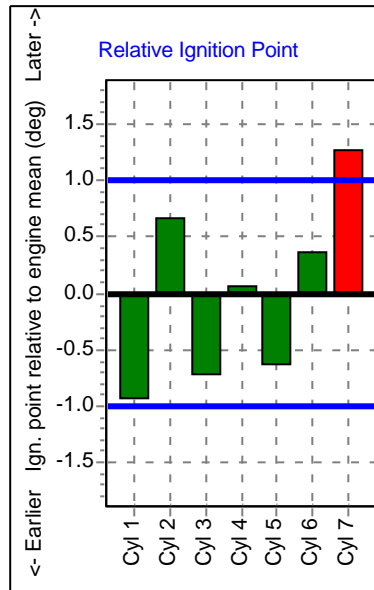
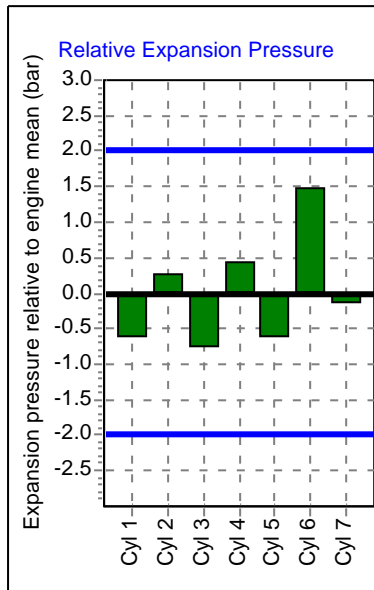
Engine Balance





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Data Analysis

Cylinder 1

No comments

Cylinder 2

No comments

Cylinder 3

No comments

Cylinder 4

No comments

Cylinder 5

No comments



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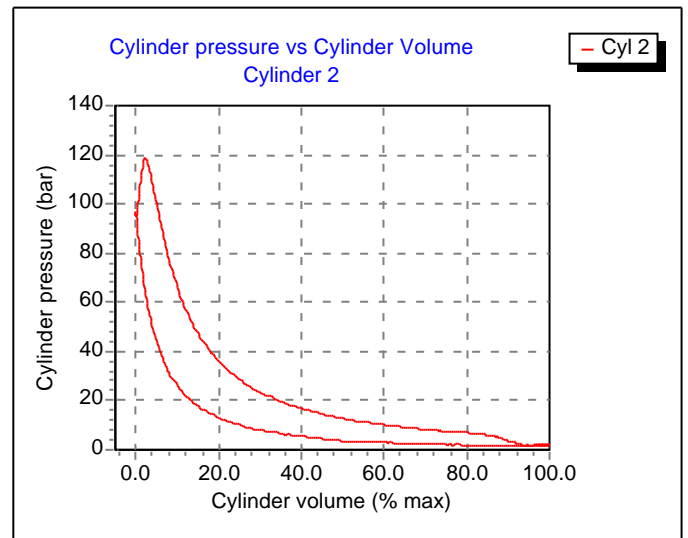
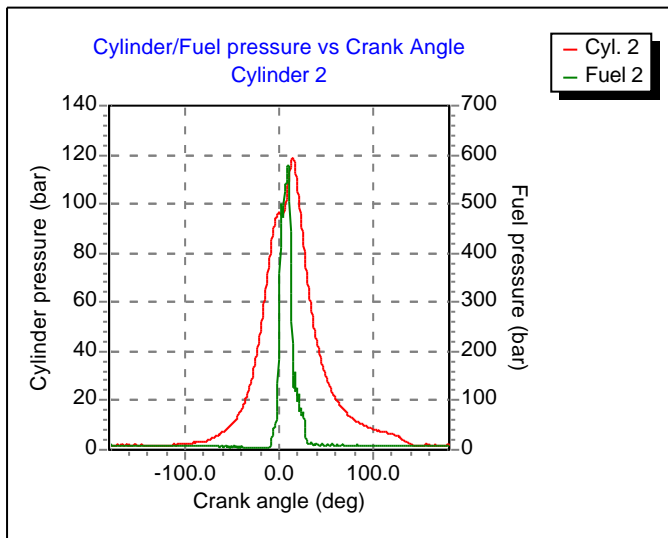
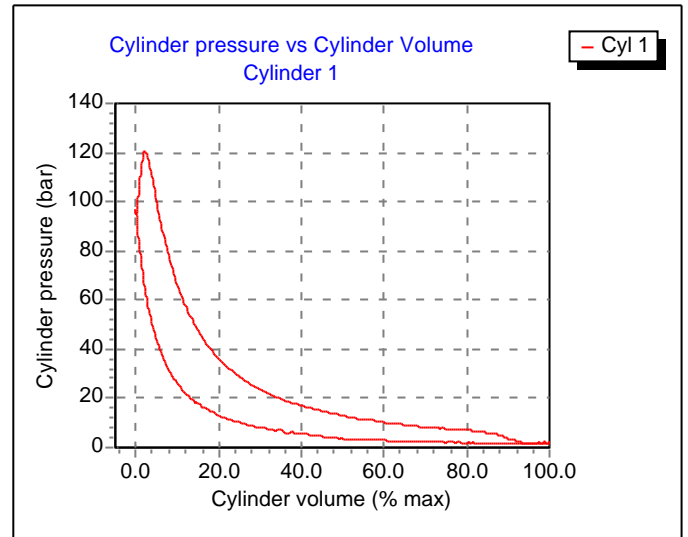
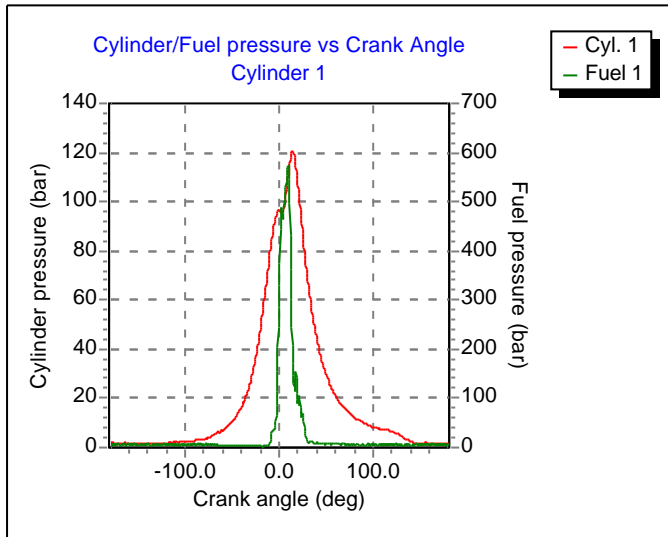
Cylinder 6

No comments

Cylinder 7

Ignition point is late compared to mean
Value: 1.3 deg Limit: 1.0 deg

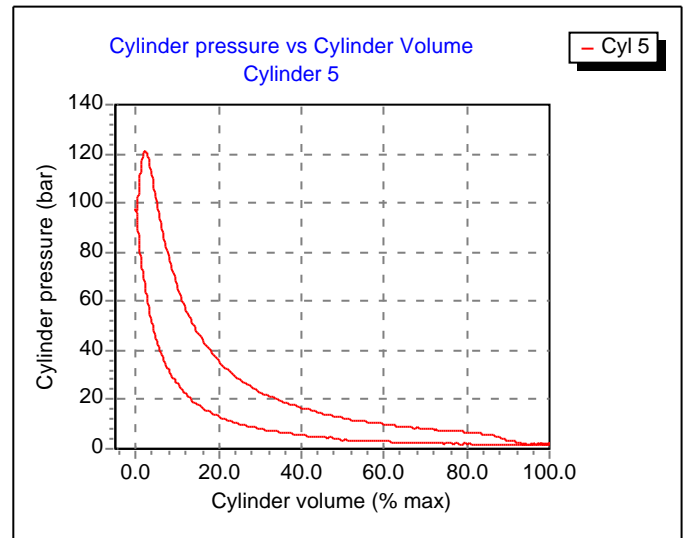
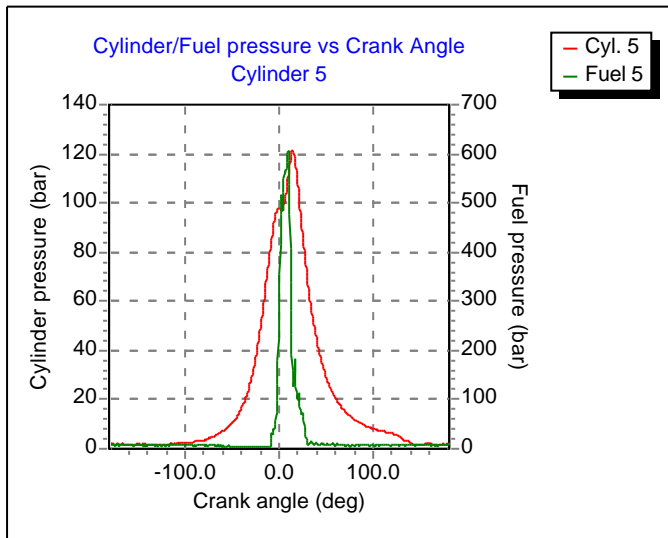
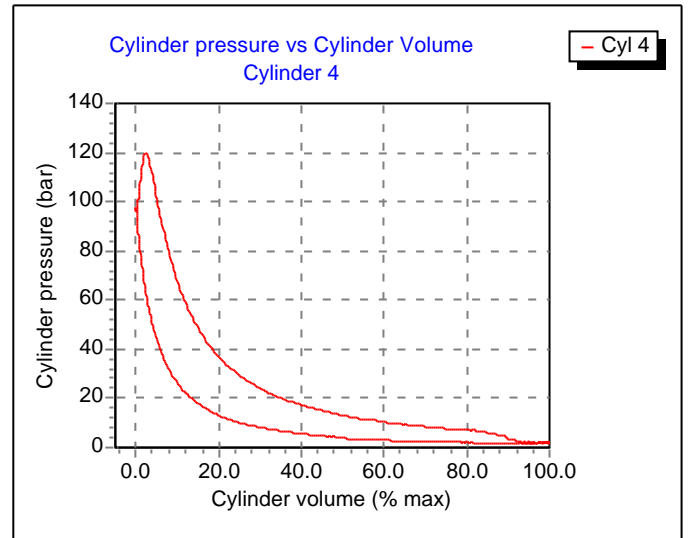
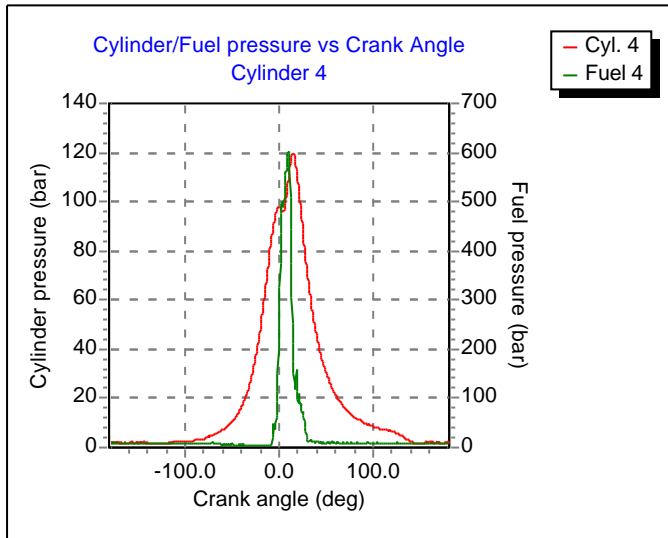
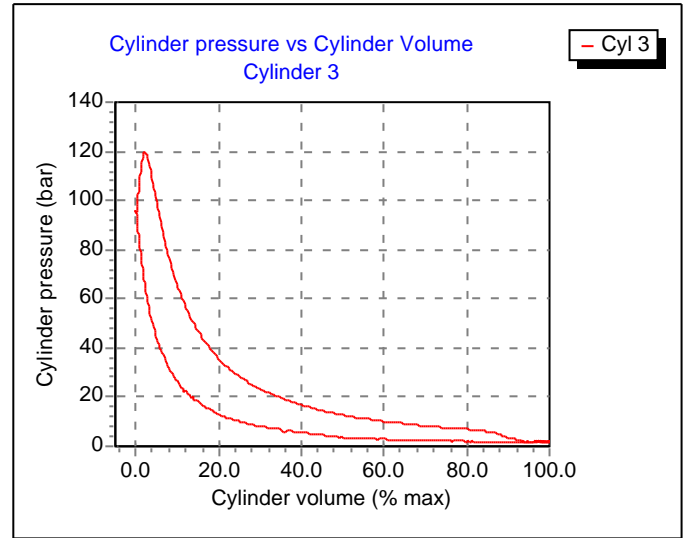
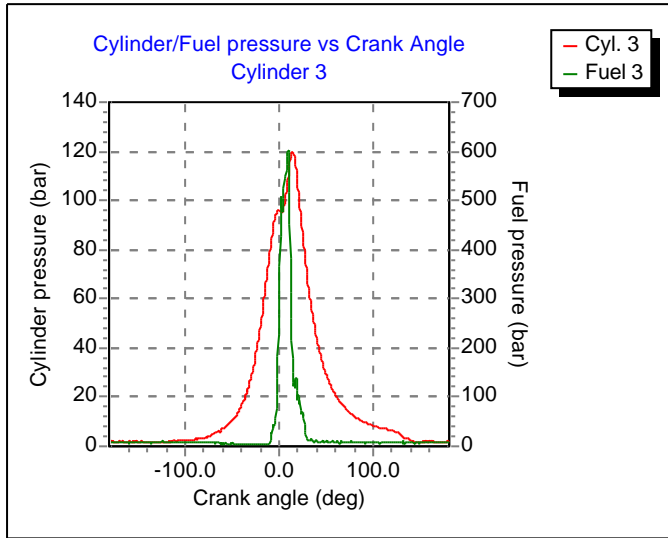
Pressure curves





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