

Maintenance

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Introduction

One of the reasons many reliability and maintenance improvement initiatives fail to deliver sustaining results is lack of team work between and within departments. It is still common that operations and maintenance do not work as the team they should be.



This Report will be automatically generated and distributed to the following persons to improve and facilitate team work.

- Paul White - Project Manager
- Alan Smith - Operations and Maintenance
- Romario Estevez - Field Services engineer
- Nancy Morgan - Store Room Manager



Motors and Pumps Summary

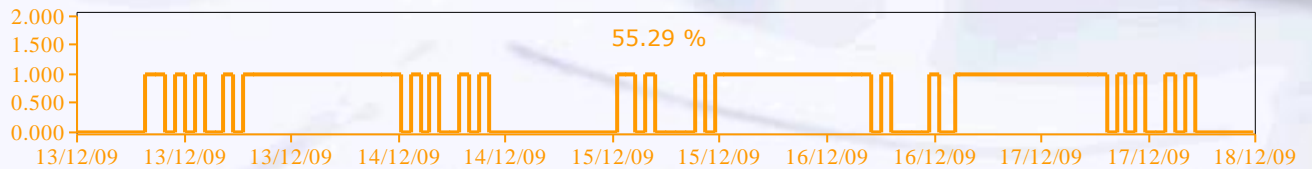
18/12/2009 17:34:45	Motor A10	Motor A17	Motor B11	Pump C54	Pump C55
Status	Stop	Stop	Stop	Stop	Stop
DURATION	Motor A10	Motor A17	Motor B11	Pump C54	Pump C55
MTBF	5000 Hours	5000 Hours	5000 Hours	4500 Hours	4500 Hours
Duration (hh:mm:ss)	18741:42:05	18936:42:53	13756:07:42	16634:21:32	15821:33:14
ON/OFF Runs	Motor A10	Motor A17	Motor B11	Pump C54	Pump C55
Maximum	3200 Times	7000 Times	4000 Times	5000 Times	4500 Times
Current Counter	5592 Times	5265 Times	3610 Times	4914 Times	4469 Times

MTBF: Mean Time Between Failure

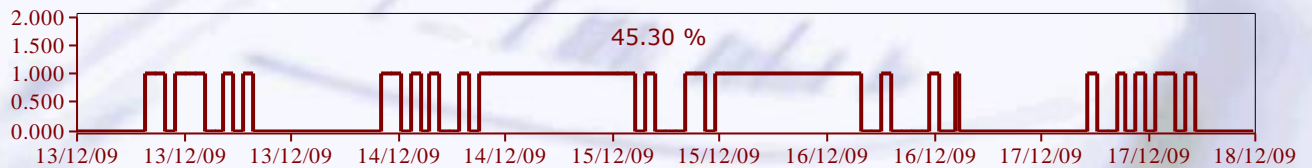
The average time the motor will function before failing. MTBF ratings are measured in hours

Chart

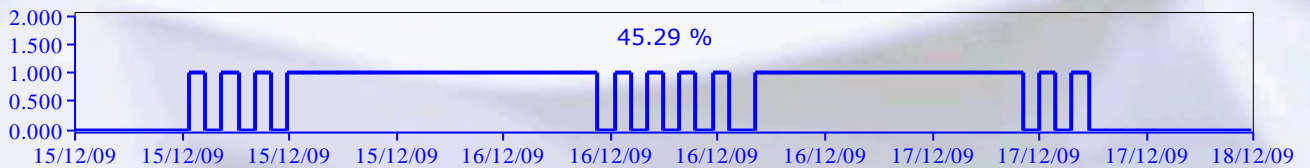
MA10



MA17



MB11



Temperature (°C)	MA10	MA17	MB11	PC54	PC55
Min	0.12	2.16	1.49	0.24	1.39
Max	99.85	99.91	99.65	149.55	149.47
Average	47.65 °C	52.43 °C	50.53 °C	76.71 °C	66.64 °C
Current value	41.99 °C	68.36 °C	79.90 °C	14.00 °C	20.98 °C

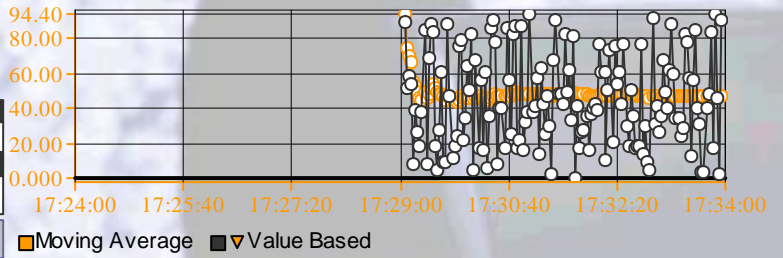
Motor A10

Motor A10 is allocated to the packing machine B53 at the production department



Supplier	DC Engine GmbH
Reference	M220 - 4585/NC
Bought in	July 2003
Warranty Period	3 years

DURATION	Motor A10
MTBF	5000 Hours
Duration (hh:mm:ss)	18741:42:05
ON/OFF Runs	Motor A10
Maximum	3200 Times
Current Counter	5592 Times
Current Status	Stop



	Min	Max	Average
17:24:35	N/A	N/A	N/A
17:26:35	N/A	N/A	N/A
17:28:35	5	96	47.4
17:30:35	0	100	48.7
17:32:35	2	100	50.2

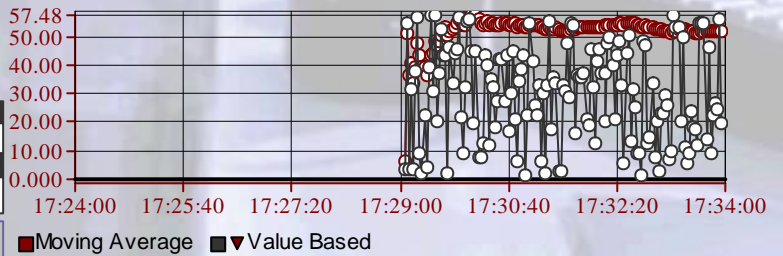
Motor A17

Motor A17 is allocated to the Oil Pump



Supplier	DC Engine GmbH
Reference	M220 - 4585/NC
Bought in	July 2003
Warranty Period	3 years

DURATION	Motor A10
MTBF	5000 Hours
Duration (hh:mm:ss)	19737:05:21
ON/OFF Runs	Motor A10
Maximum	3200 Times
Current Counter	5525 Times
Current Status	Stop



	Min	Max	Average
17:24:35	N/A	N/A	N/A
17:26:35	N/A	N/A	N/A
17:28:35	4	100	54.1
17:30:35	2	96	54.6
17:32:35	3	100	51.6

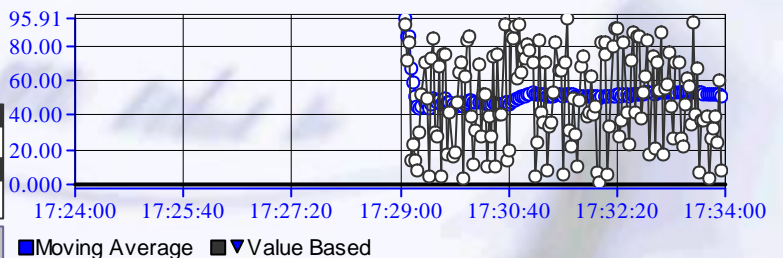
Motor B11

Motor B11 is allocated to the cooling system



Supplier	DC Engine GmbH
Reference	M220 - 4585/NC
Bought in	July 2003
Warranty Period	3 years

DURATION	Motor A10
MTBF	5000 Hours
Duration (hh:mm:ss)	16664:59:50
ON/OFF Runs	Motor A10
Maximum	3200 Times
Current Counter	5525 Times
Current Status	Stop



	Min	Max	Average
17:24:35	N/A	N/A	N/A
17:26:35	N/A	N/A	N/A
17:28:35	3	96	46.5
17:30:35	1	100	55.2
17:32:35	3	100	48.5