

VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model A40G	SerialNo 341301	Operating Hours 5430.4	Reading Date 7/17/2018
Company name Asset Appraisal Services	Dealer	Report Issuer	
Contact name	Technician ERIROUT	Primary Application Earth moving construction	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation

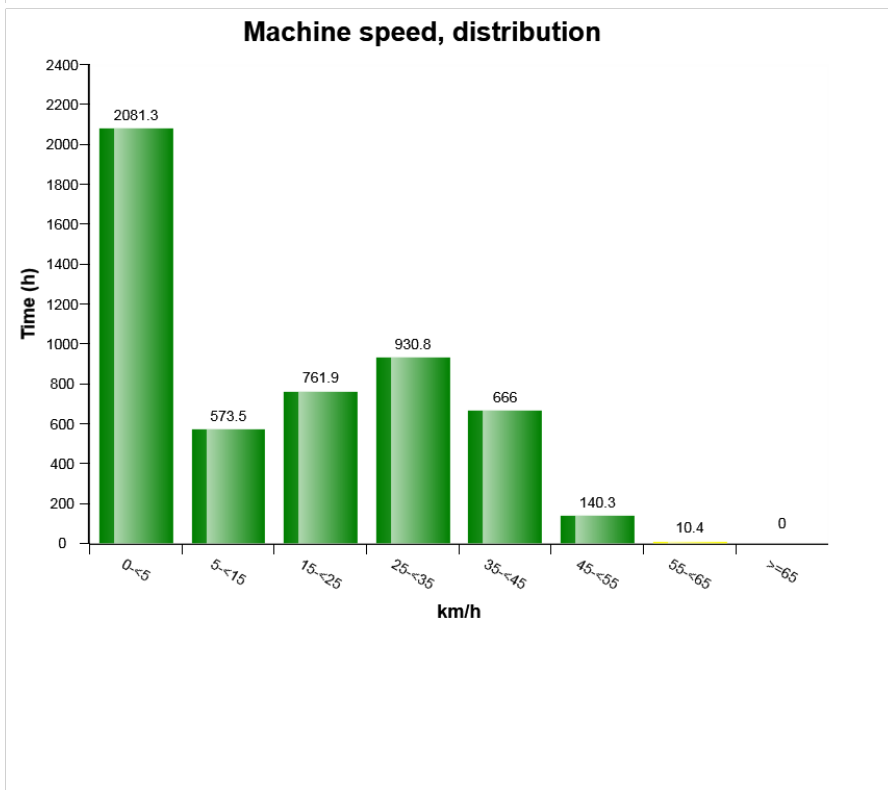
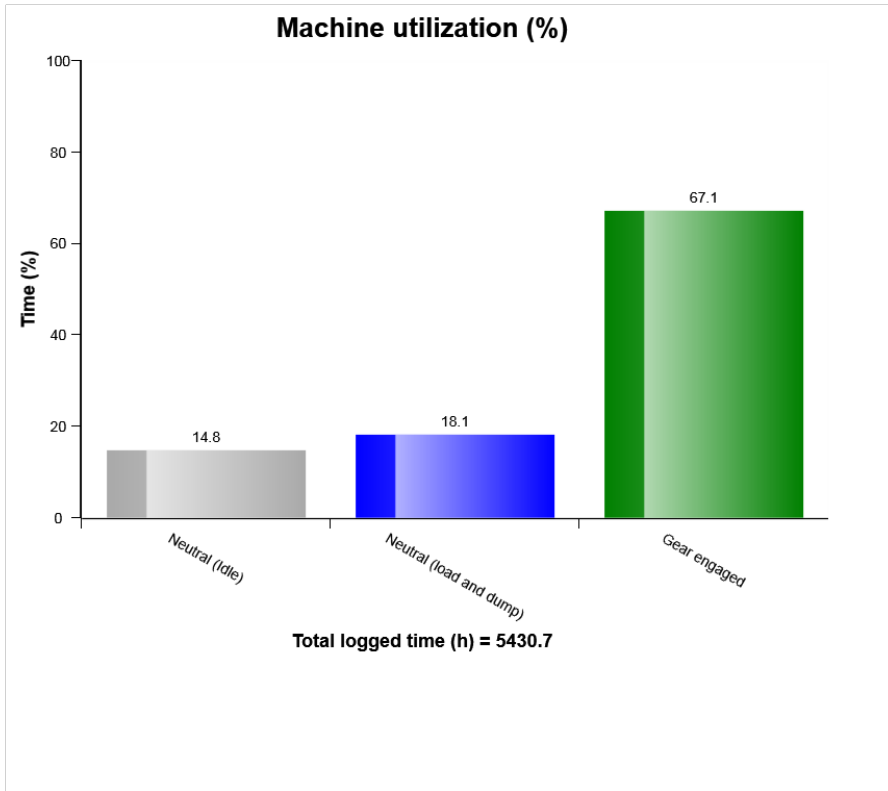


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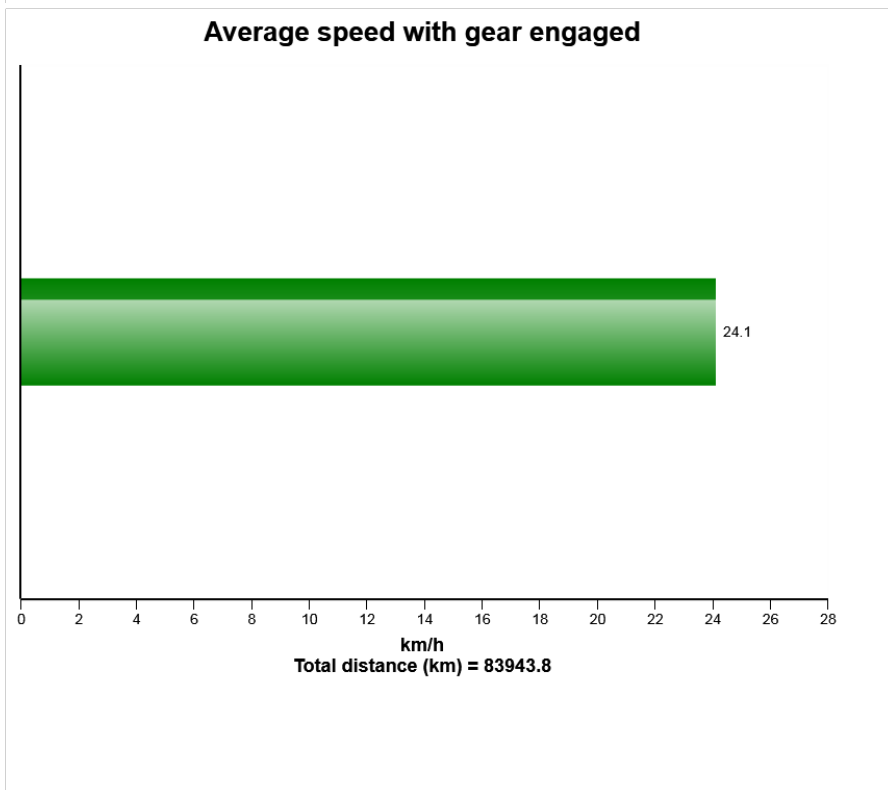
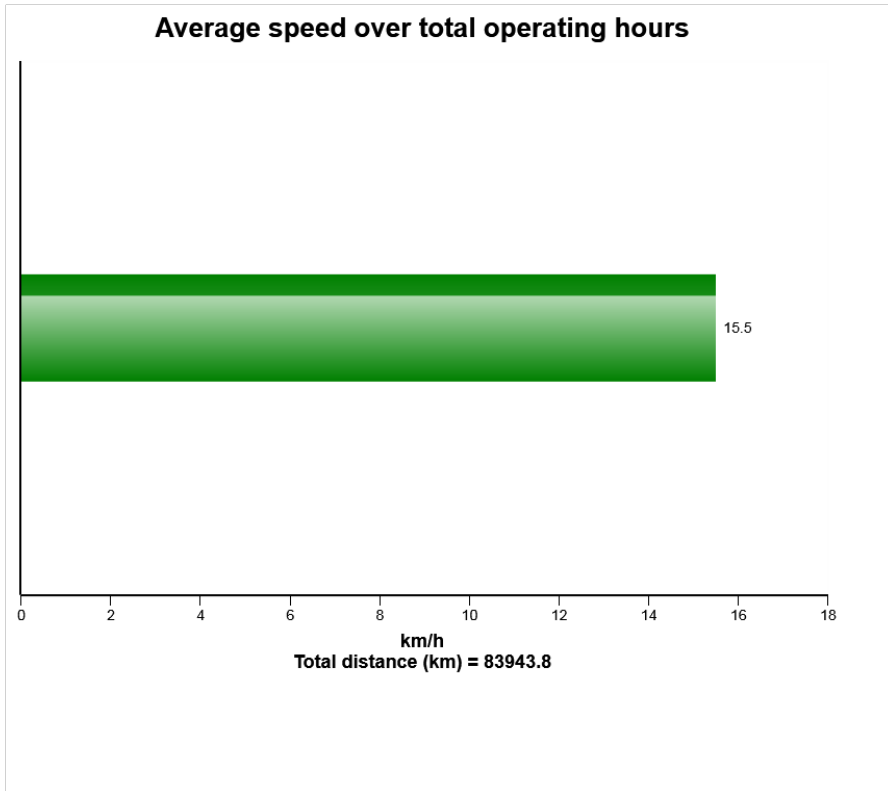
Main equipment	Type	Equipment
	Tyre size/class	Sold without tyres
	Body extensions	Not mounted
	Tail-gate	Not mounted
	Extra spillguard	Not mounted
	Wear plates	Not mounted
	Pattern	None



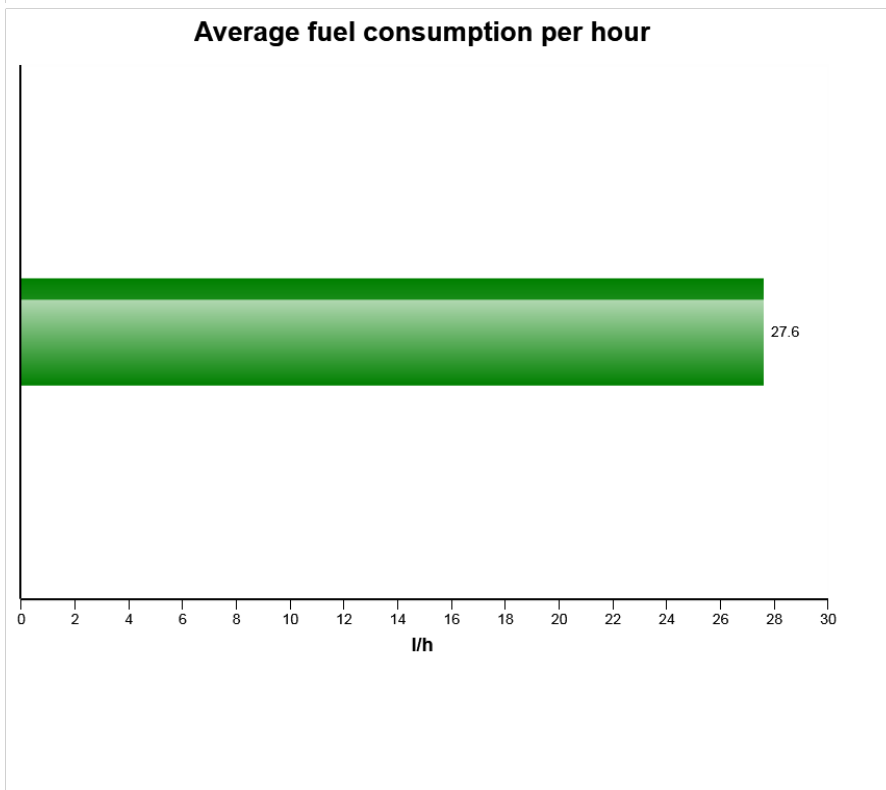
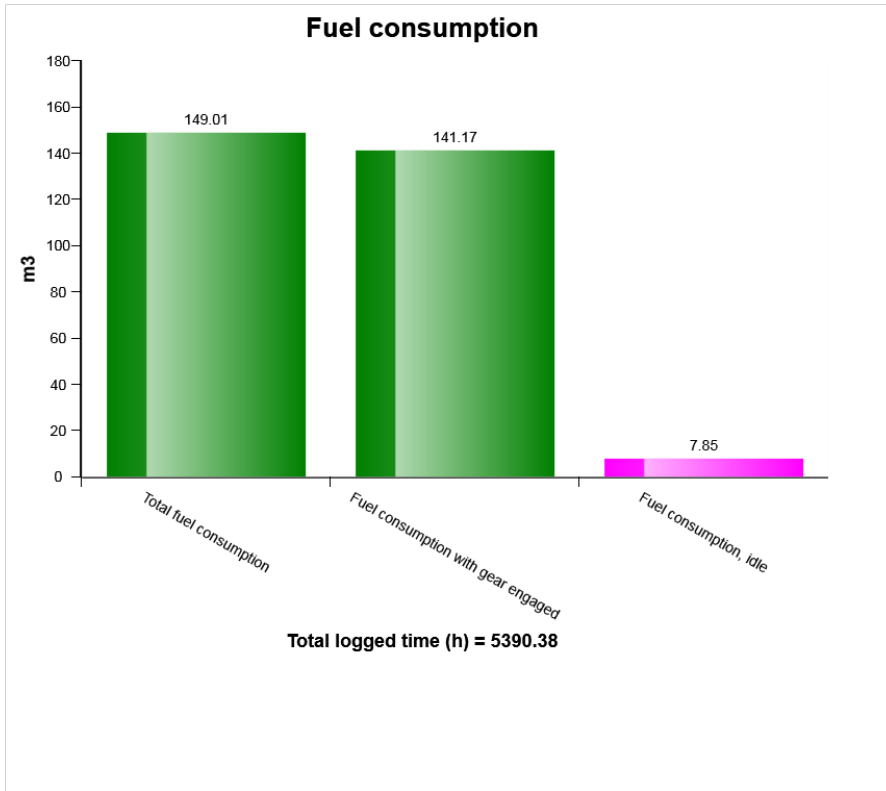
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A40G	341301	5430.4	7/17/2018



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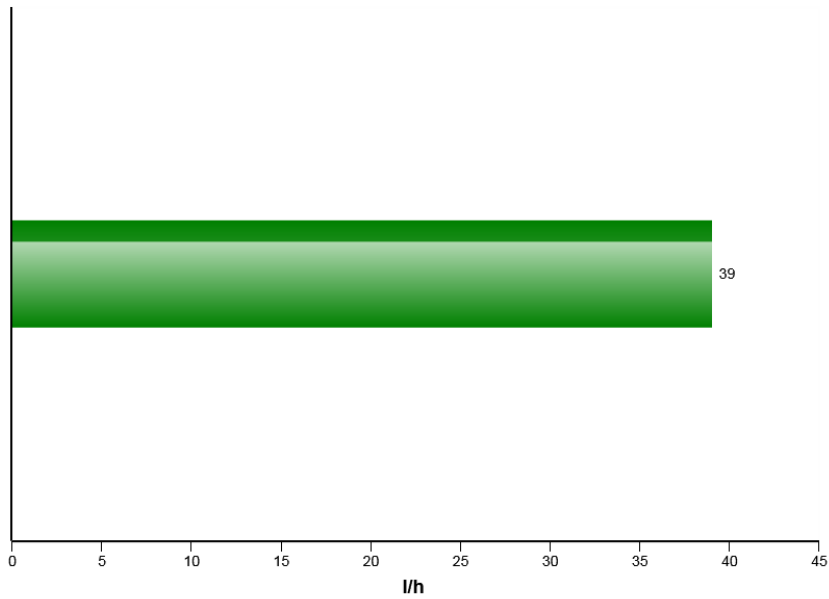


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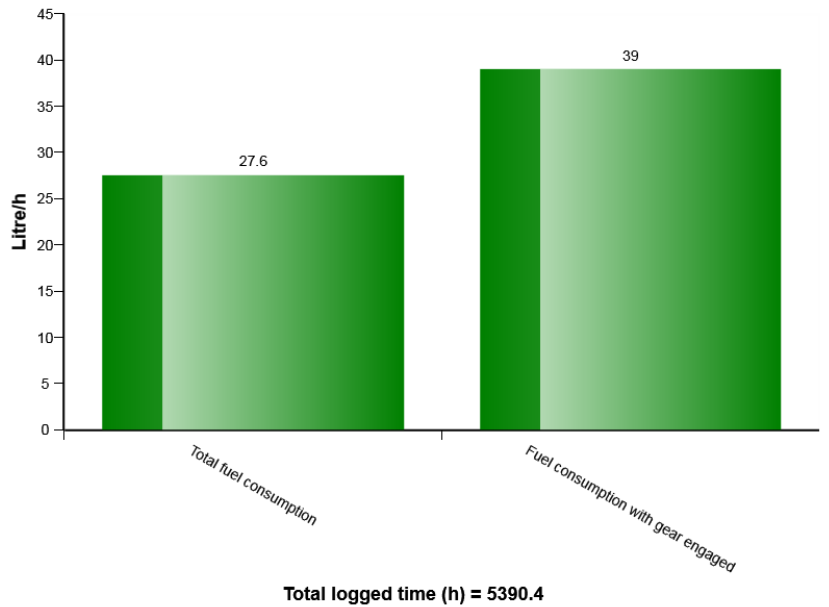


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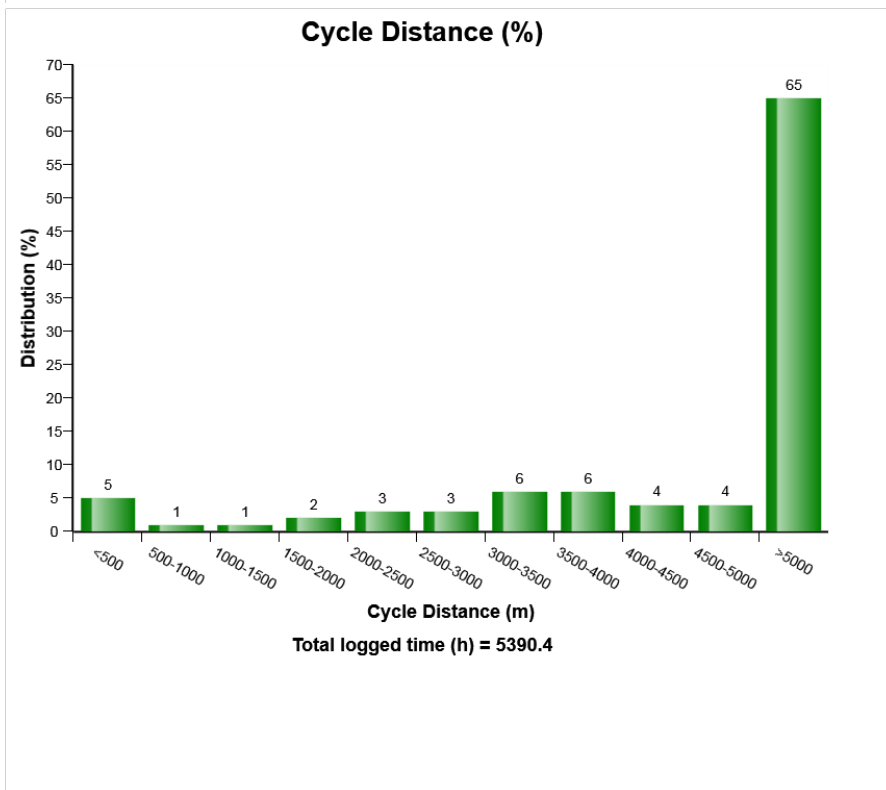
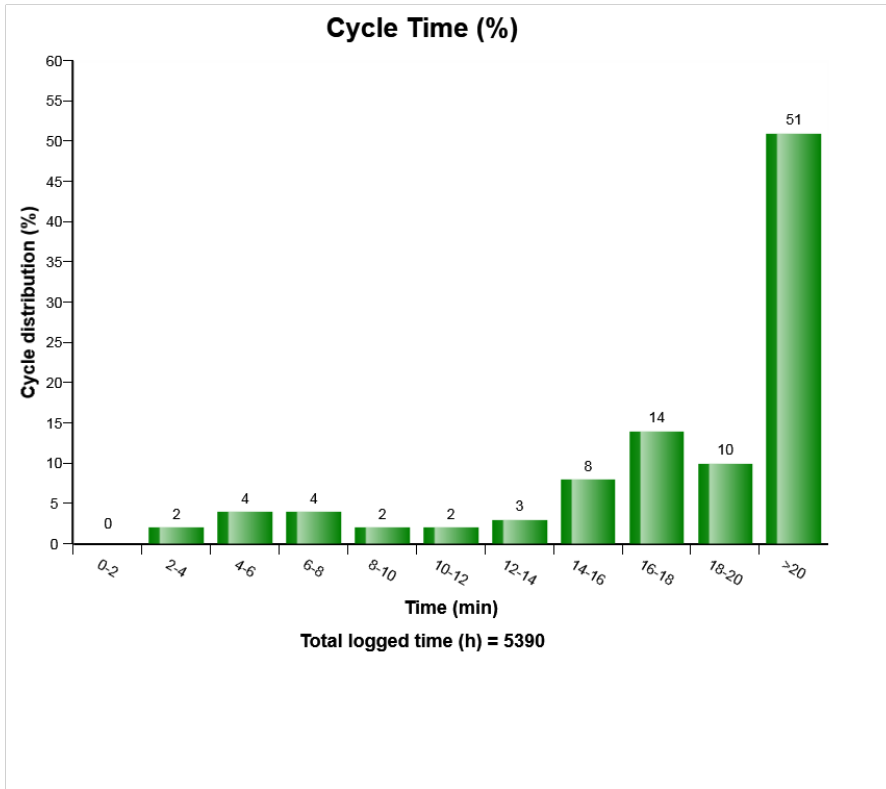
Average fuel consumption per hour with gear engaged



Average fuel consumption



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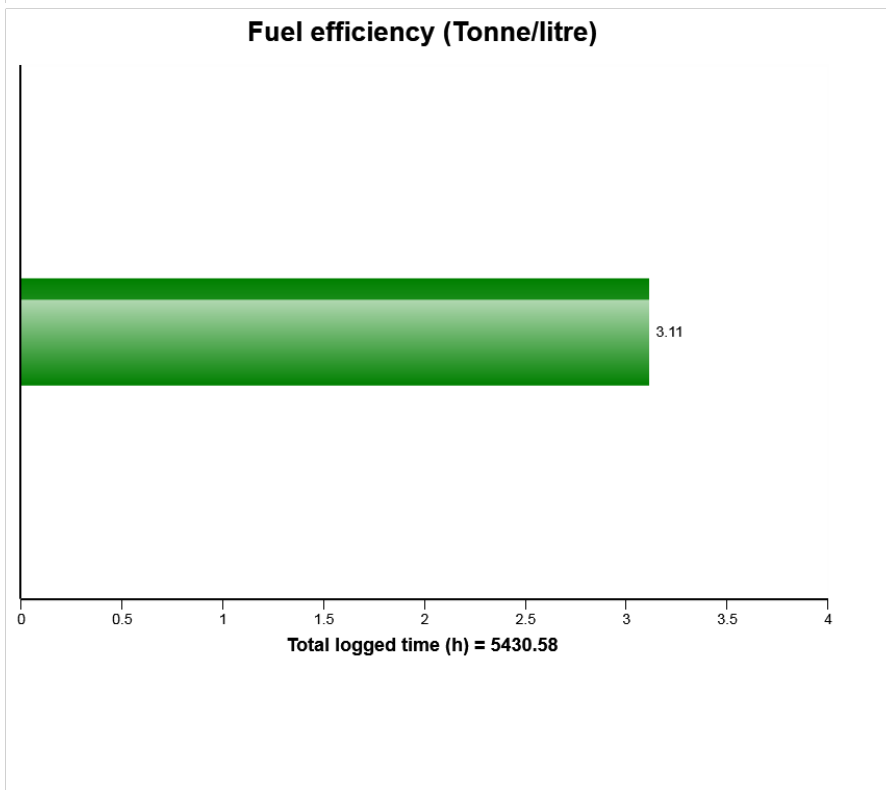
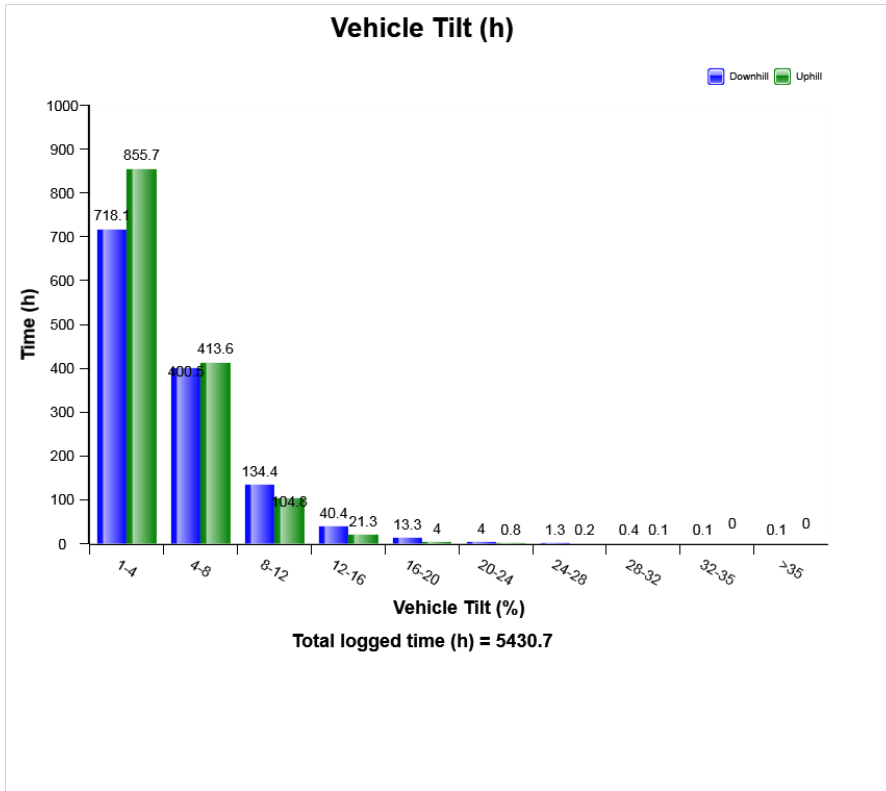
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Accumulated performance
Total logged time (h) =

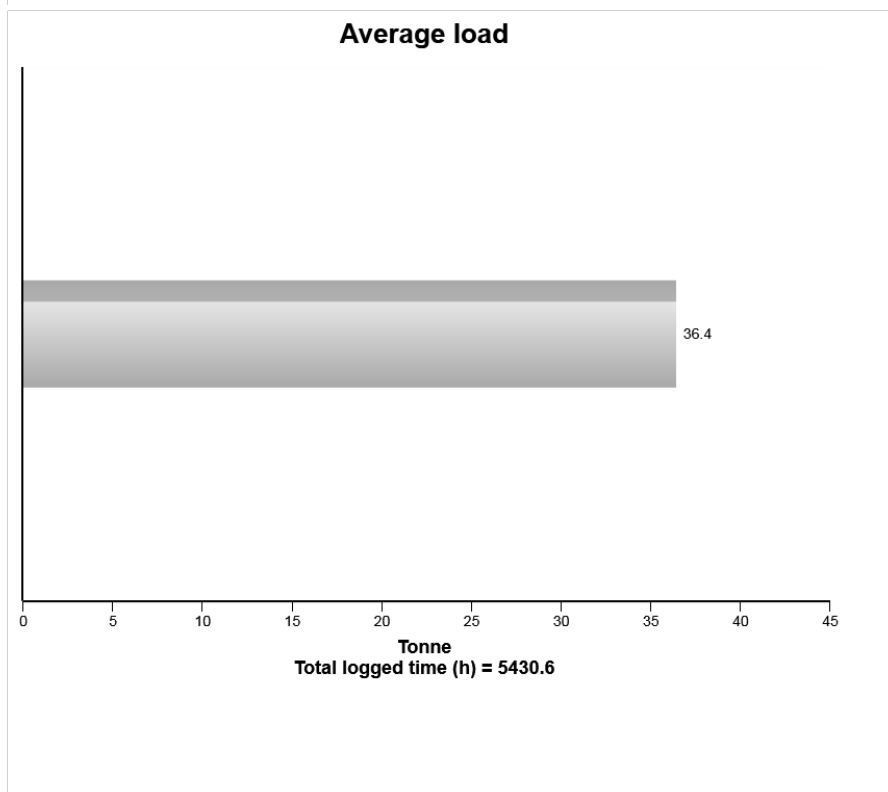
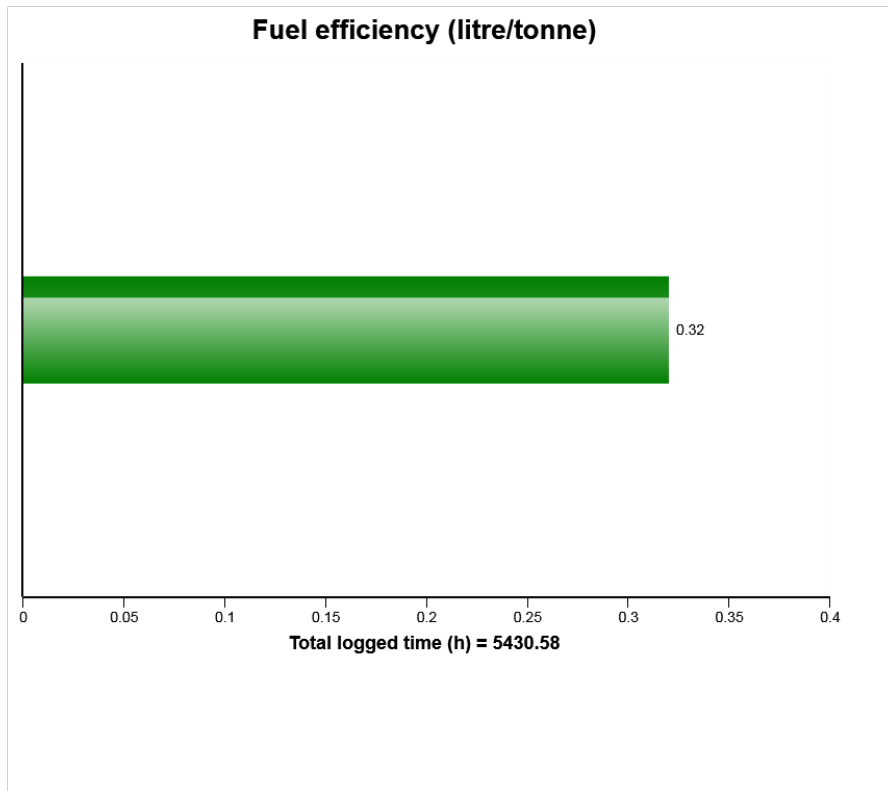
Total logged time (h) =	5430.6
Total fuel consumption	149073.2
Production (tonne)	463392.3
Tonne/h	85.3
Tonne/litre	3.1
Litre/tonne	0.3
Number of cycles	12719
Cycles overloaded (%)	2.9
Load utilisation / cycle (%)	93.4



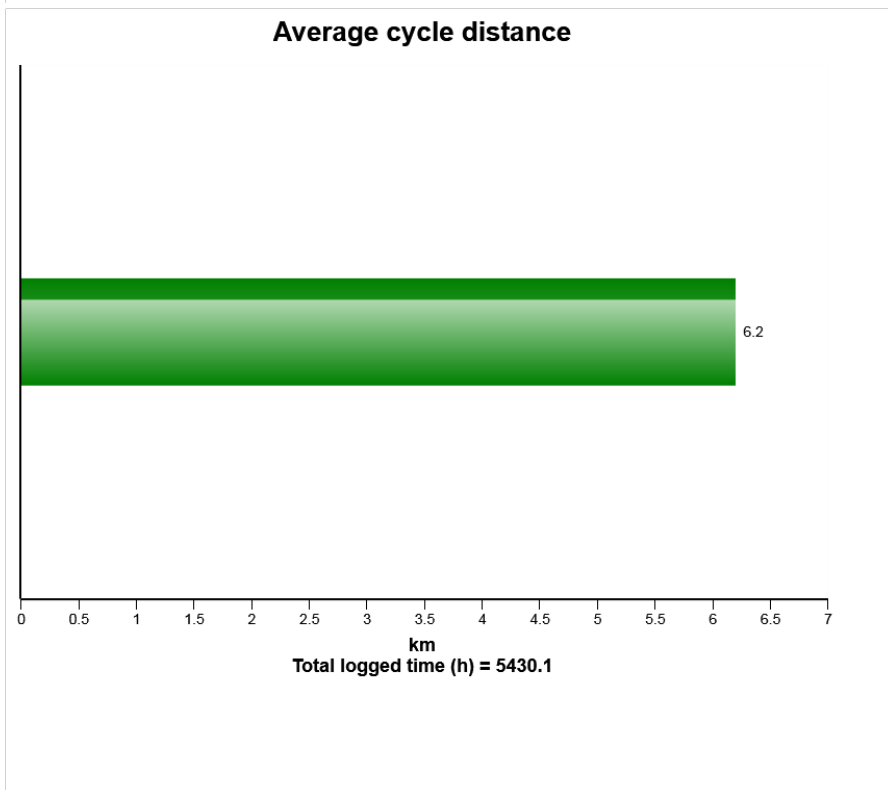
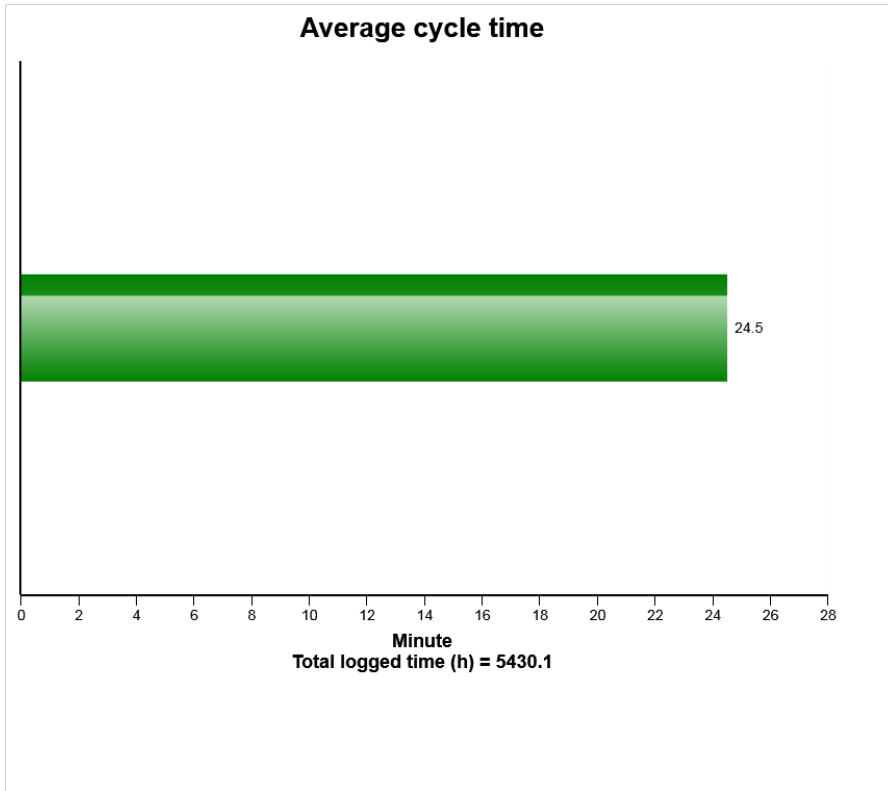
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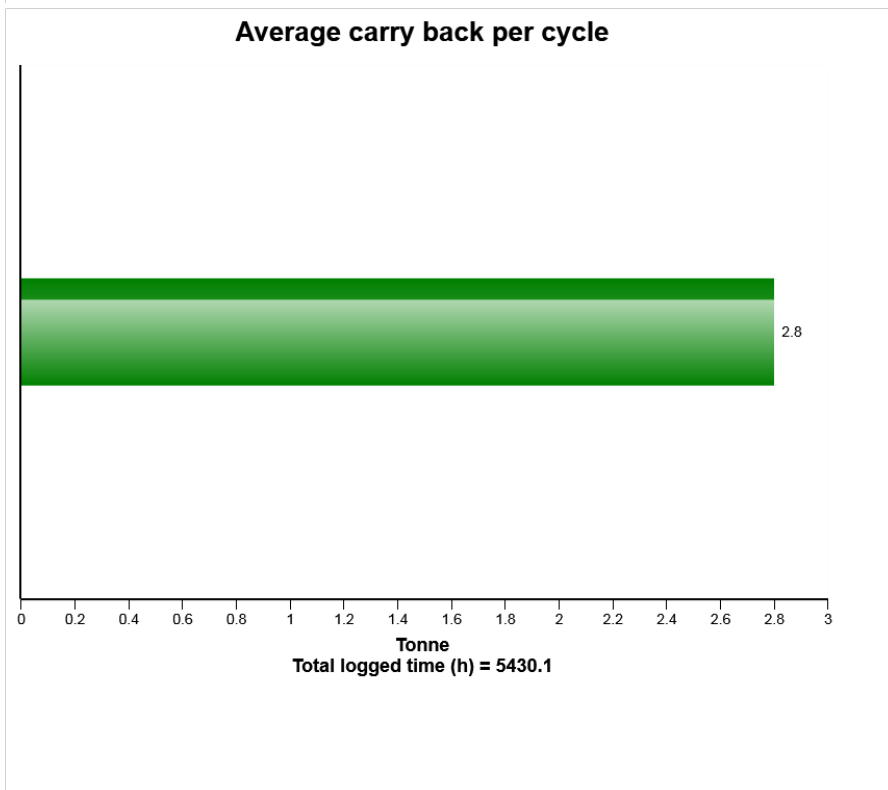
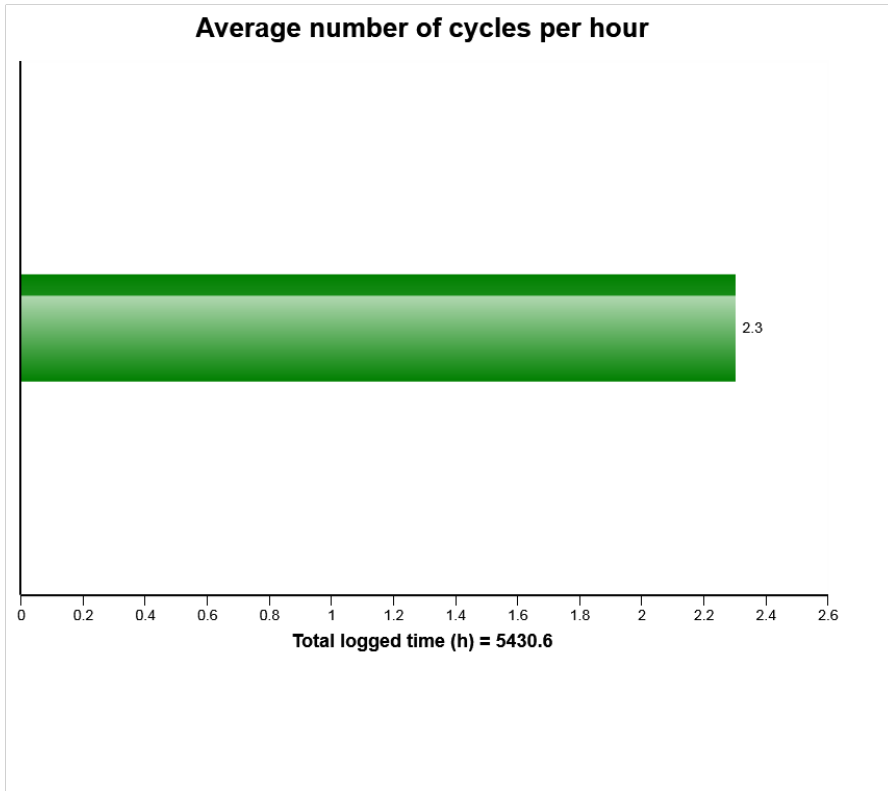
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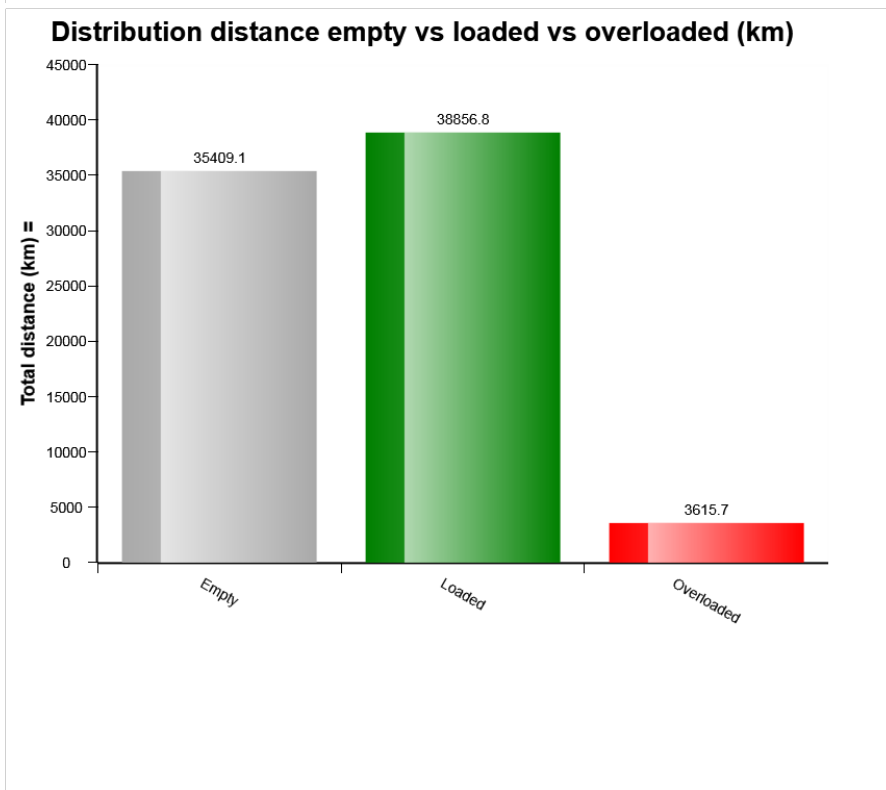
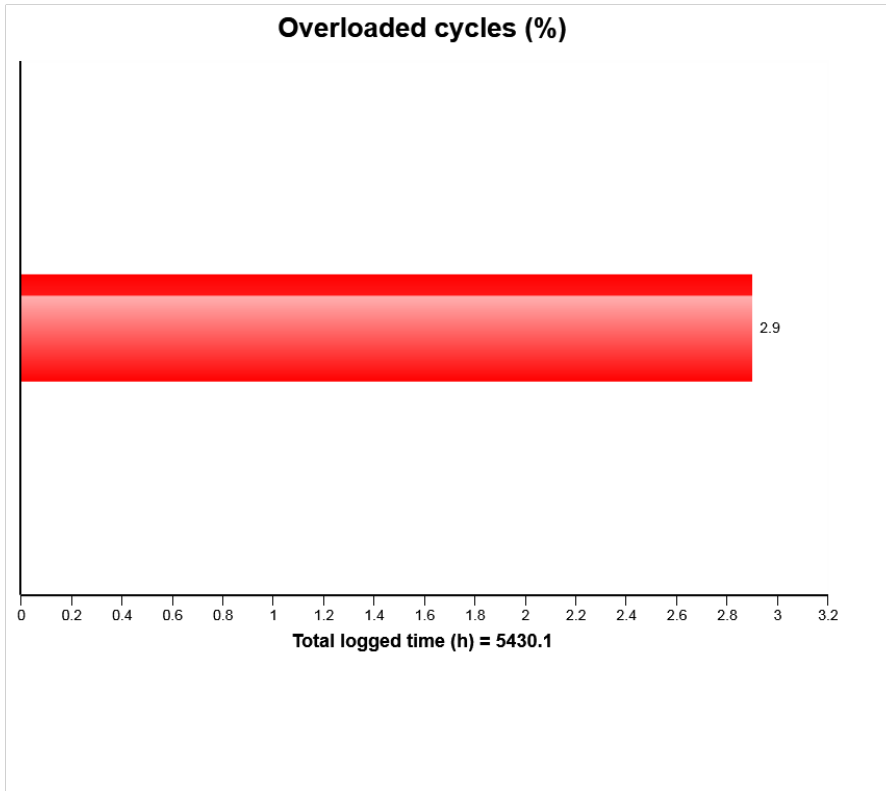
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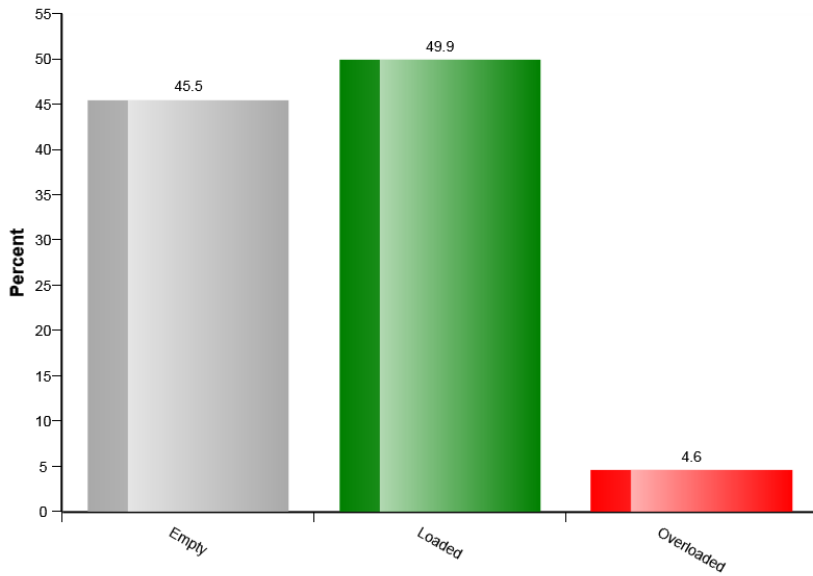


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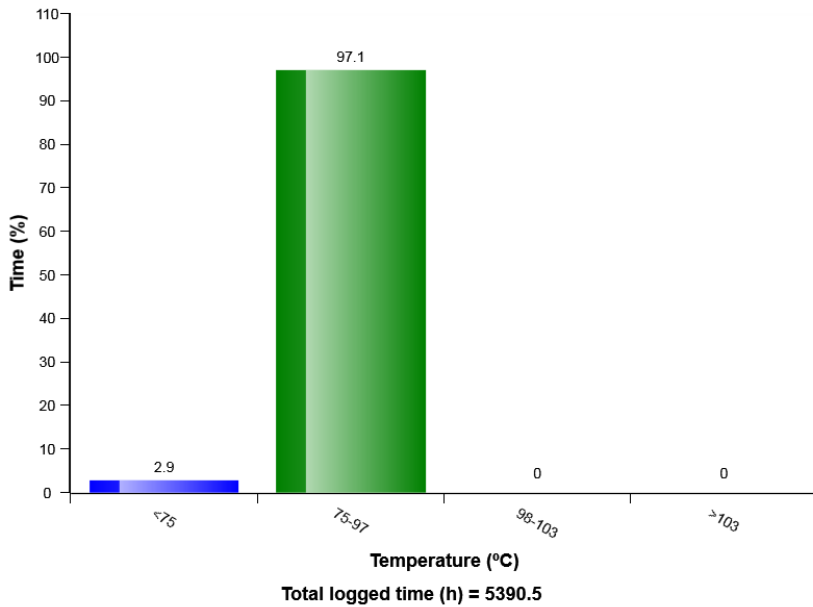


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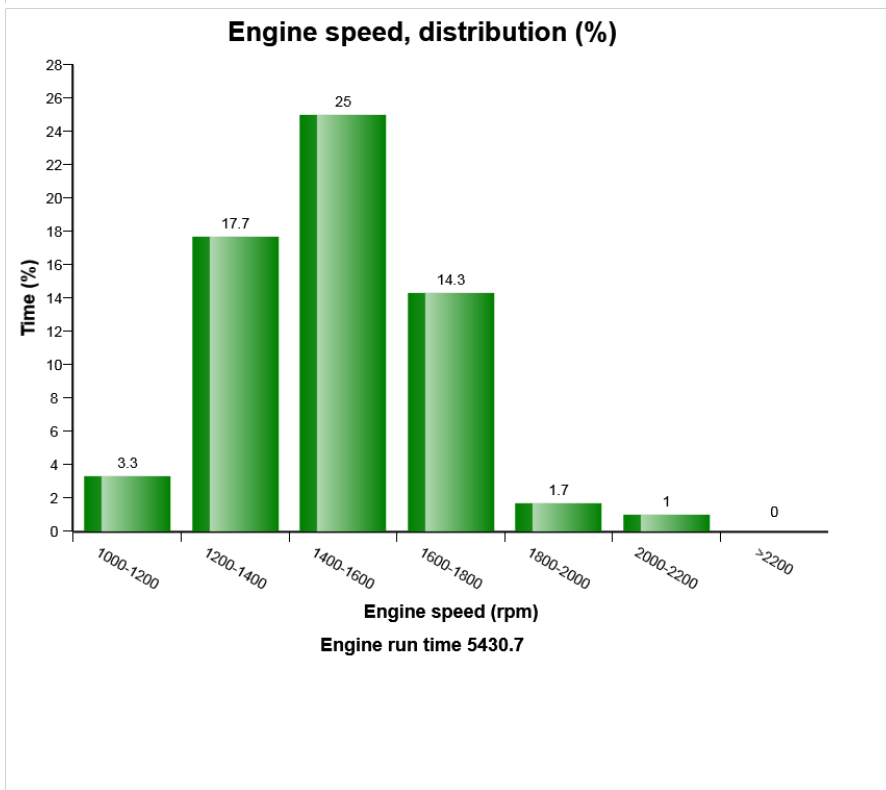
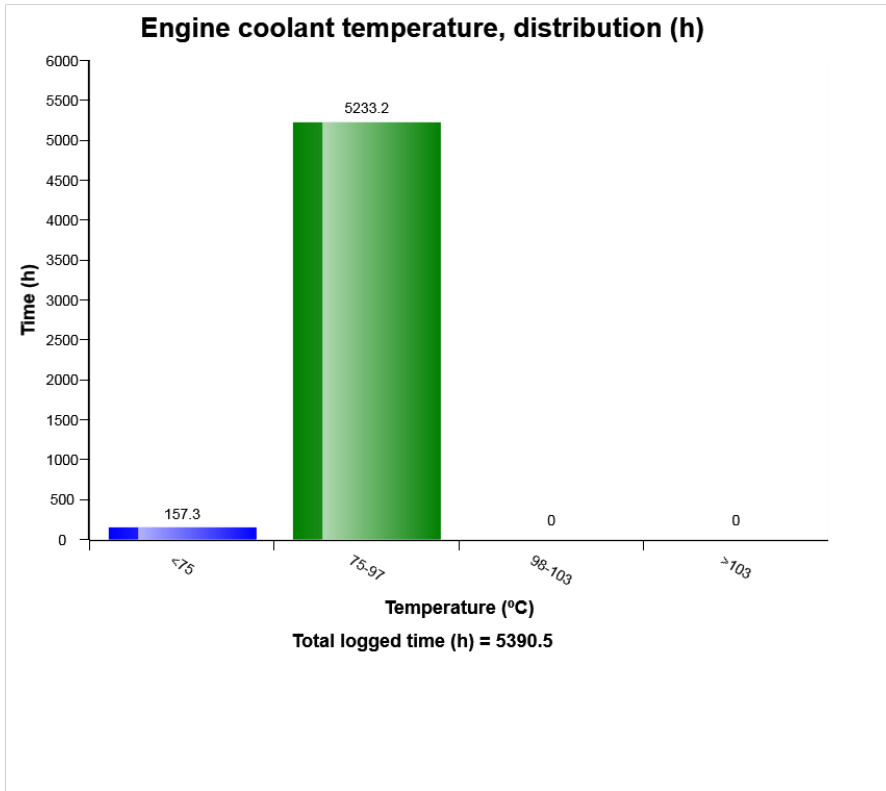
Distribution distance empty vs loaded vs overloaded (%)



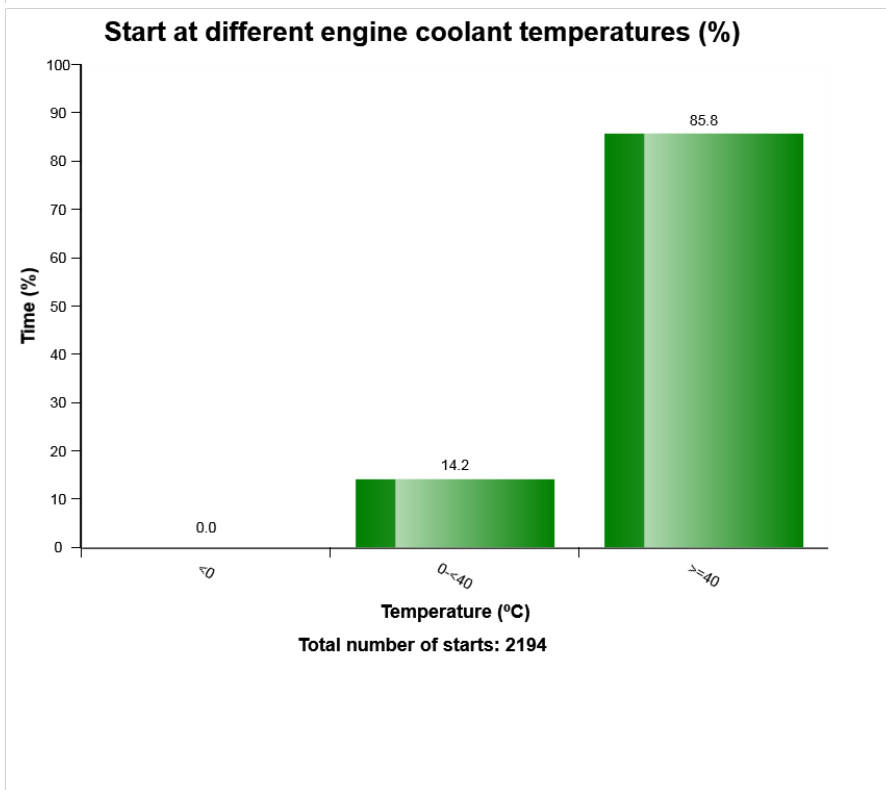
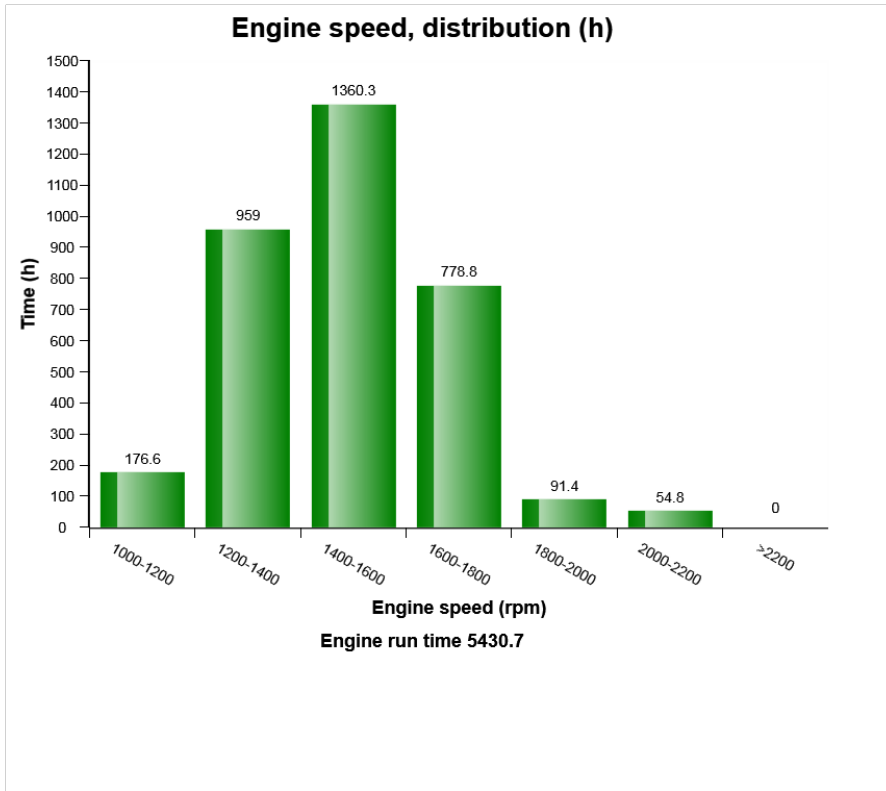
Engine coolant temperature, distribution (%)



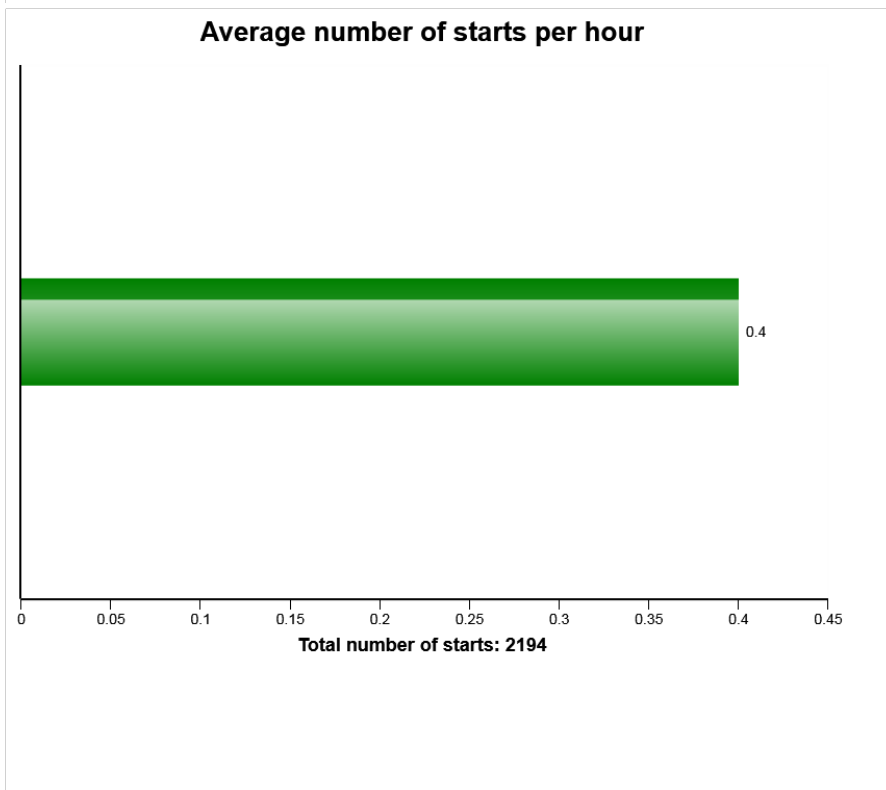
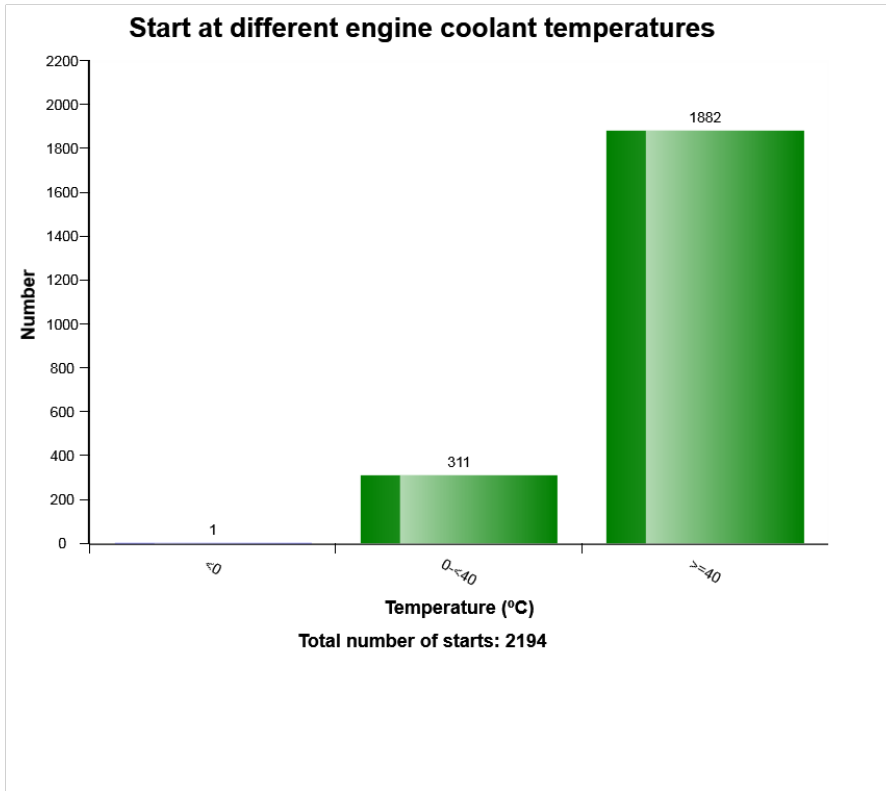
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**High engine coolant temperature
Total number of occurrences = 0**

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (°C)
A	0	2000	0	0	0	0	0	0
B	0	2000	0	0	0	0	0	0
C	0	2000	0	0	0	0	0	0
D	0	2000	0	0	0	0	0	0
E	0	2000	0	0	0	0	0	0
F	0	2000	0	0	0	0	0	0
G	0	2000	0	0	0	0	0	0
H	0	2000	0	0	0	0	0	0
I	0	2000	0	0	0	0	0	0
J	0	2000	0	0	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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**High engine oil temperature
Total number of occurrences = 0**

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (°C)
A	0	2000	0	0	0	0	0	0
B	0	2000	0	0	0	0	0	0
C	0	2000	0	0	0	0	0	0
D	0	2000	0	0	0	0	0	0
E	0	2000	0	0	0	0	0	0
F	0	2000	0	0	0	0	0	0
G	0	2000	0	0	0	0	0	0
H	0	2000	0	0	0	0	0	0
I	0	2000	0	0	0	0	0	0
J	0	2000	0	0	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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**Starter overheating
Total number of occurrences = 0**

Op hours	Year	Month	Day	Hour	Minute
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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Low Air filter pressure
Total number of occurrences = 0

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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Regeneration ignored
Total number of ignored regenerations 0

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0
* 0	2000	0	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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Regeneration aborted
Total number of occurrences = 0

Op hours	Year	Month	Day	Hour	Minute
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0
0	2000	0	0	0	0



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Regeneration duration
Total number of occurrences = 16

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
498	2016	7	11	1	13	42
499	2016	7	11	2	2	9
500	2016	7	11	6	48	30
1000	2016	8	7	2	32	3
1000	2016	8	7	6	30	44
1501	2016	9	7	10	40	23
1501	2016	9	7	11	9	31
2003	2016	10	22	13	21	44
2159	2016	11	8	9	0	43
2254	2016	11	22	14	27	45
2755	2017	1	16	14	23	49
3255	2017	3	21	13	29	47
3593	2017	4	19	10	31	65
4094	2017	6	11	7	26	48
4595	2017	7	14	1	3	46
5096	2017	9	8	13	26	63



Machine model	SerialNo	Operating Hours	Reading Date
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**Water level warning in water separator
Total number of occurrences = 0**

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0
0	2000	0	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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High voltage
Total number of occurrences = 0

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme value
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0



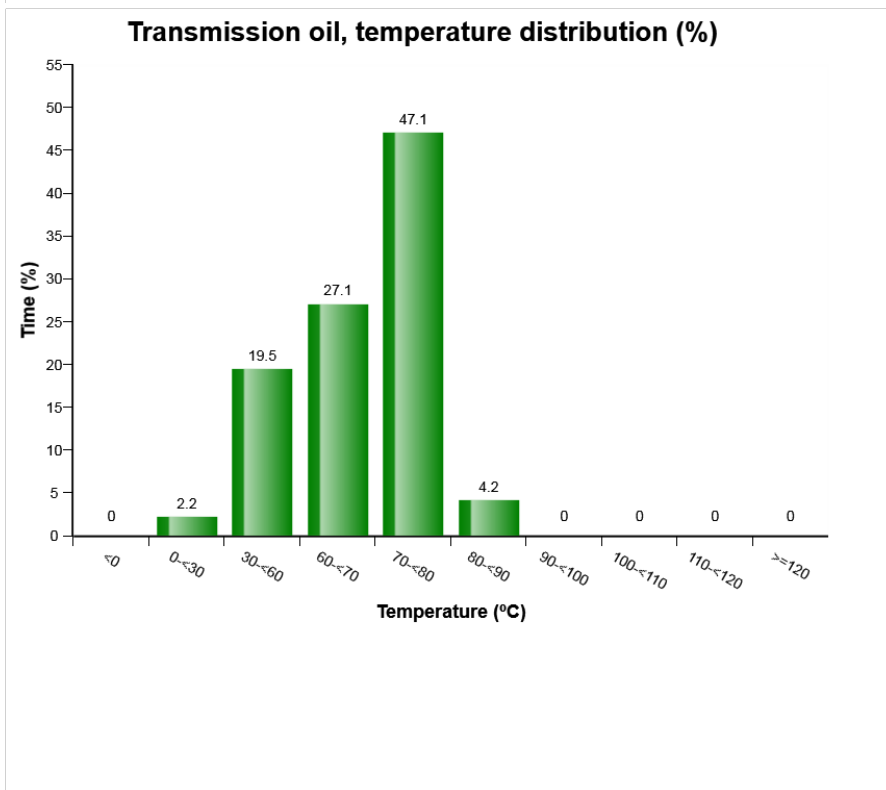
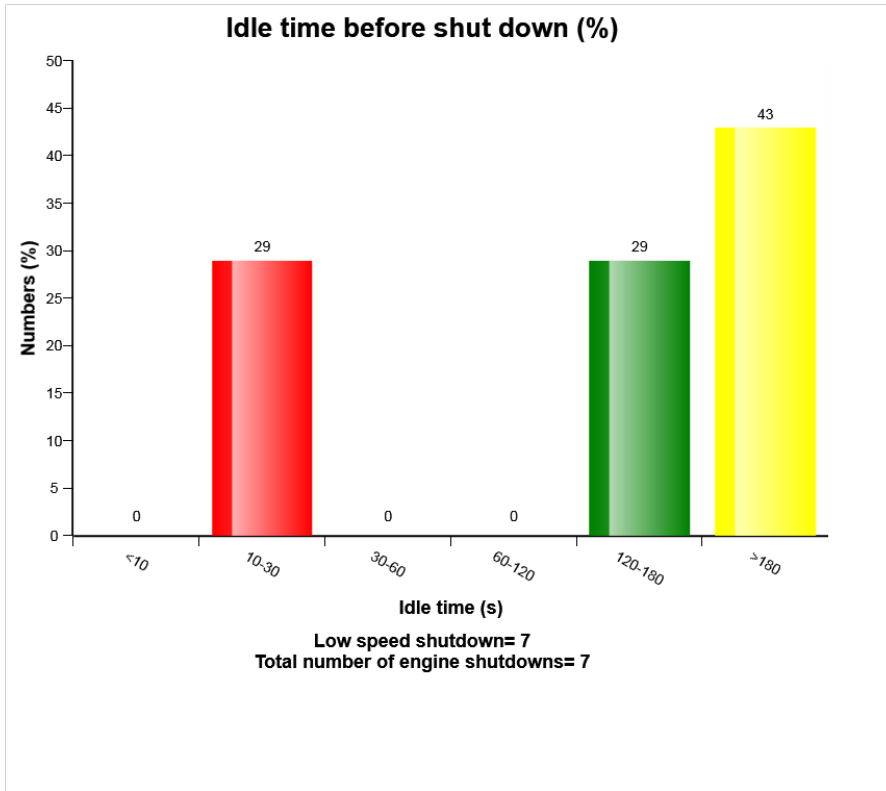
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Low voltage
Total number of occurrences = 0

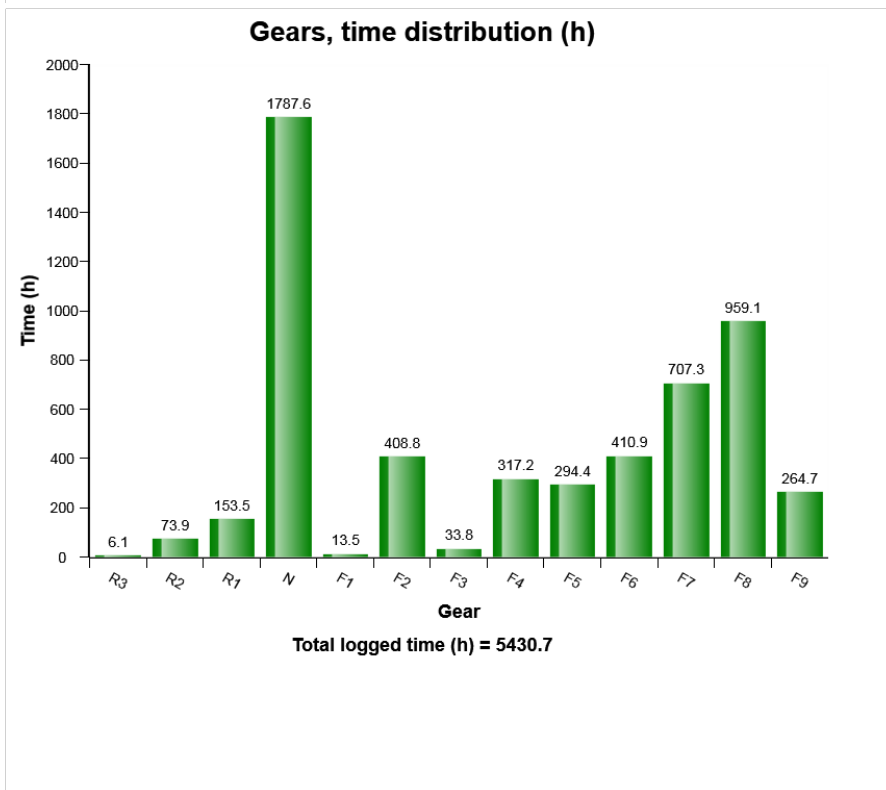
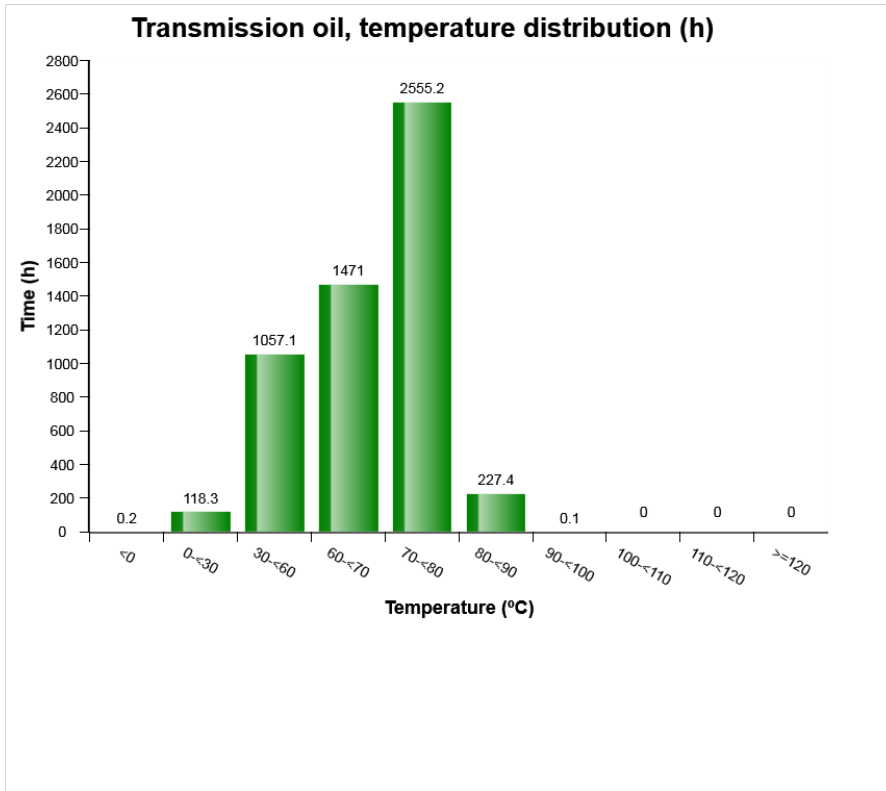
Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme value
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0



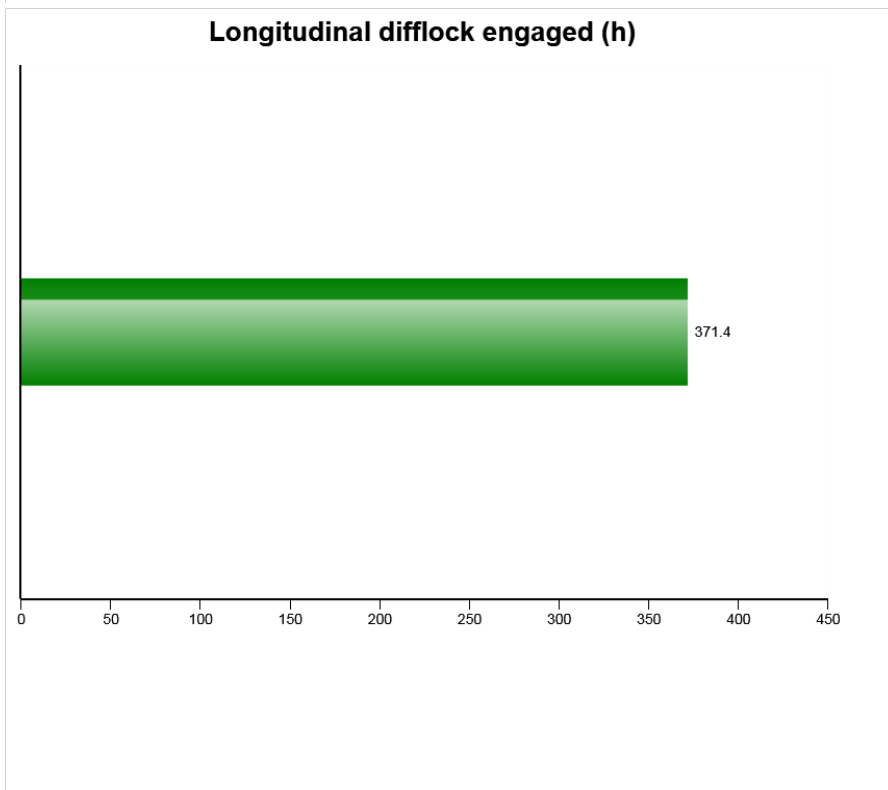
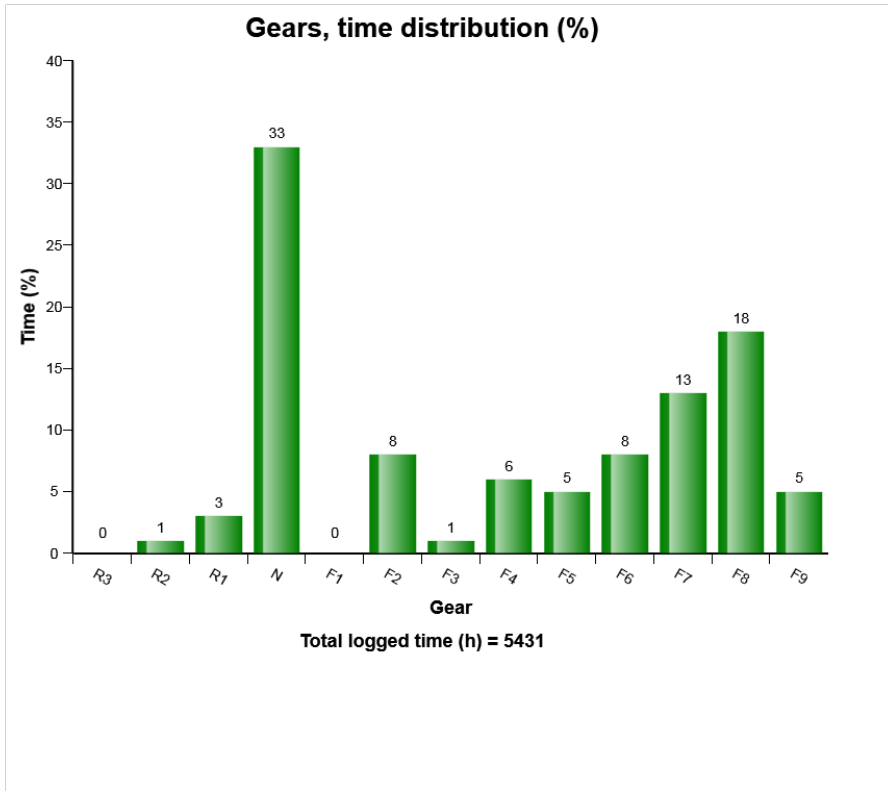
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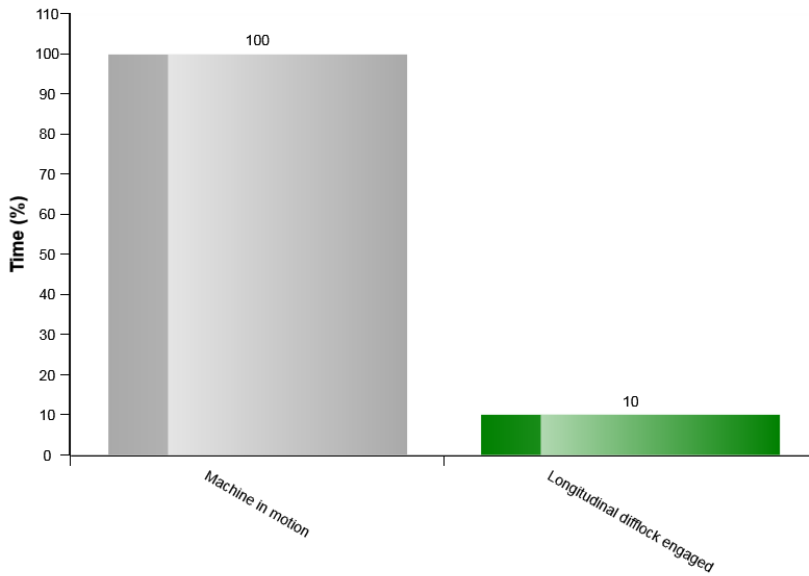
**Transmission oil pressure low
Total number of occurrences = 13**

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (bar)
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
678	2016	7	21	0	25	0	52.7
992	2016	8	6	10	46	10	45.4
1058	2016	8	10	12	11	0	61.5
1220	2016	8	18	21	34	0	74.0
1967	2016	10	15	15	15	0	74.7
2143	2016	11	2	14	35	0	91.6
2188	2016	11	9	15	39	0	76.9
2457	2016	12	8	15	55	0	54.2
2479	2016	12	10	13	13	0	59.3
2498	2016	12	15	13	16	0	106.6
2942	2017	2	13	11	27	0	82.1
3211	2017	3	16	1	40	0	222.0
3948	2017	5	30	14	56	0	60.8

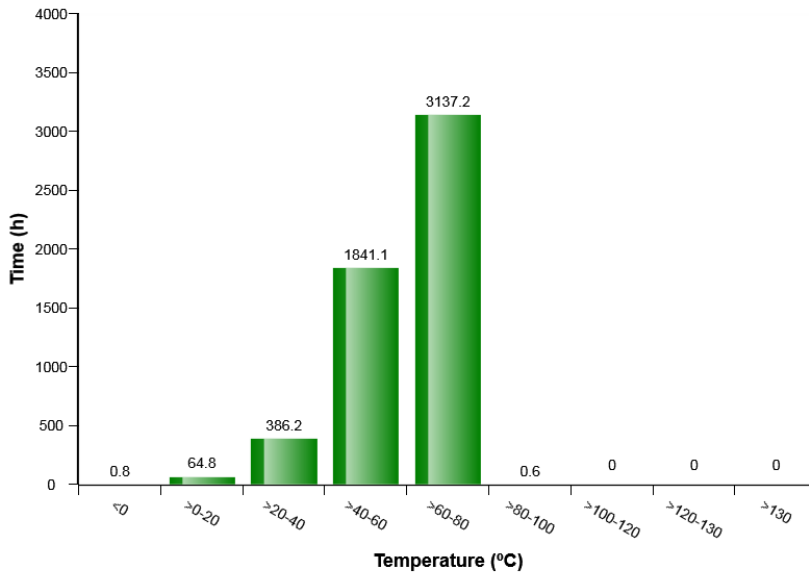


Machine model	SerialNo	Operating Hours	Reading Date
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Longitudinal difflock use related to machine in motion (%)

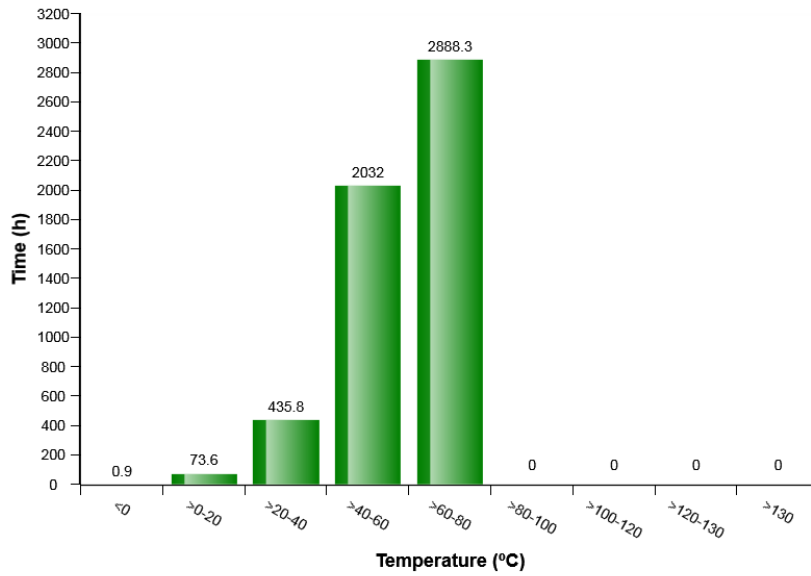


Service brake cooling oil, front axle temperature

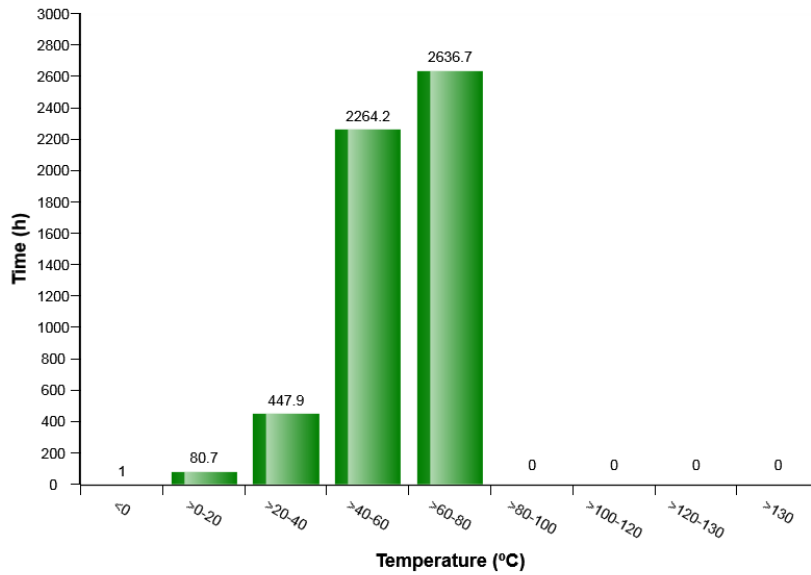


Machine model	SerialNo	Operating Hours	Reading Date
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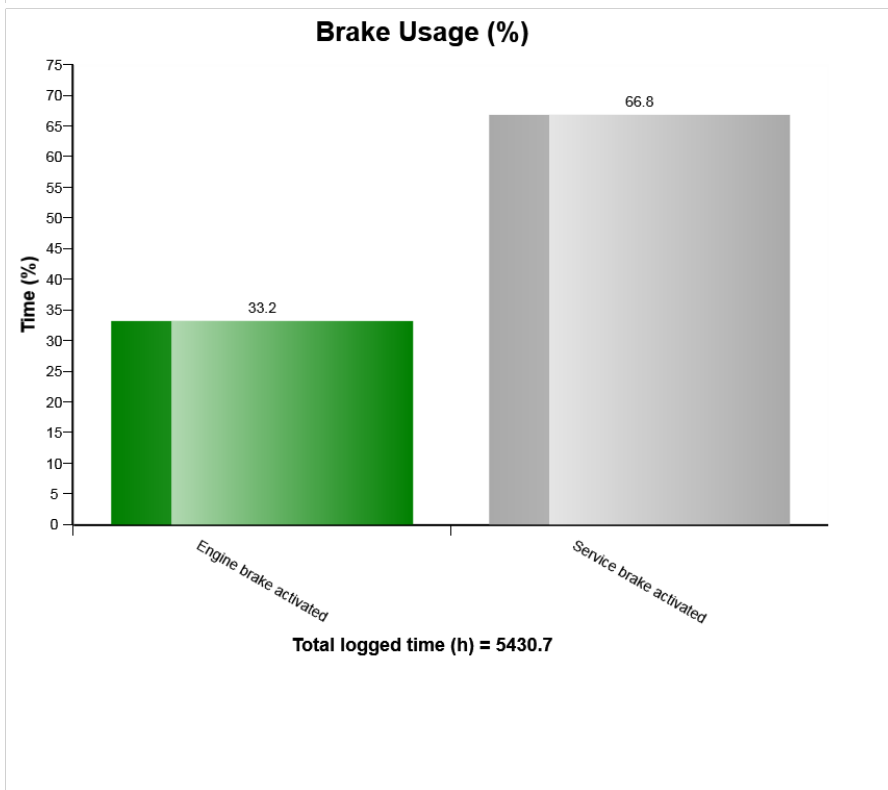
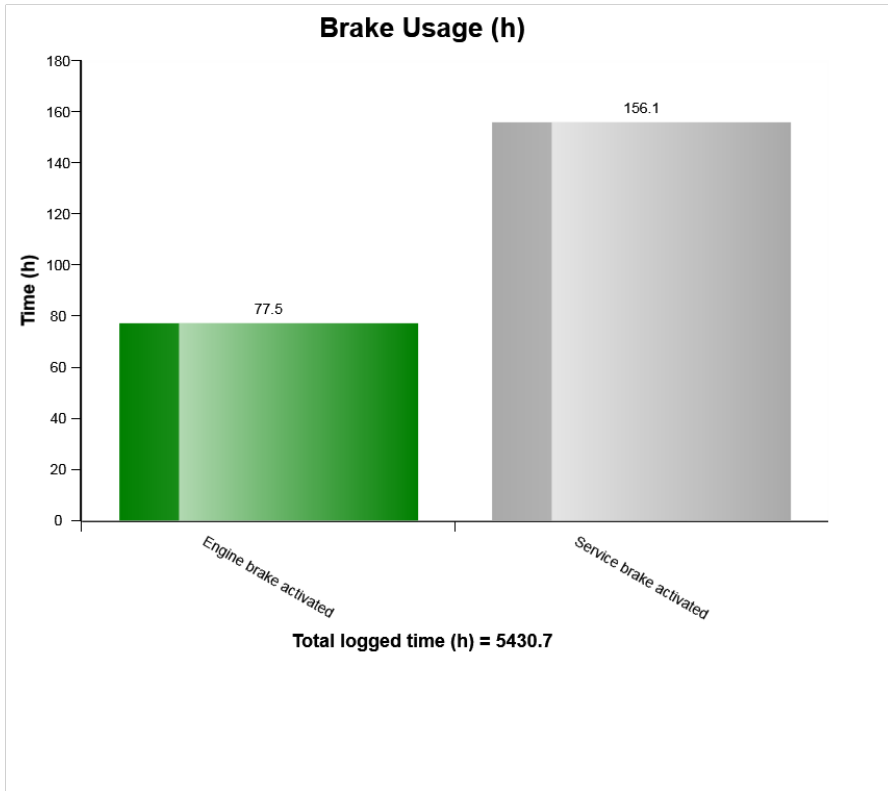
Service brake cooling oil, first bogie axle temperature



Service brake cooling oil, second bogie axle temperature



Machine model	SerialNo	Operating Hours	Reading Date
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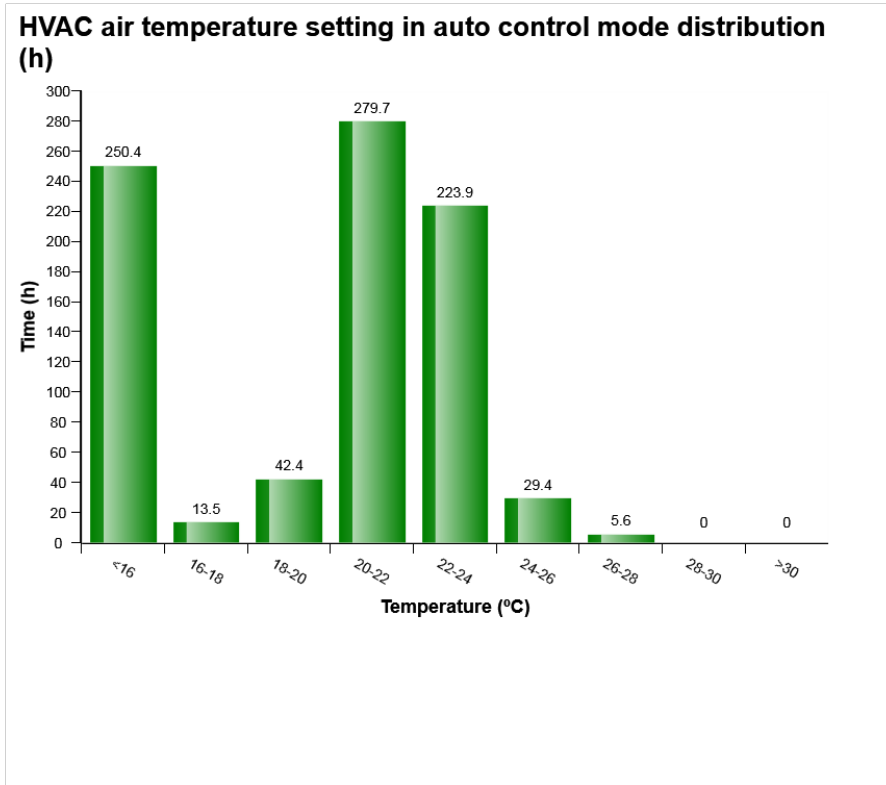
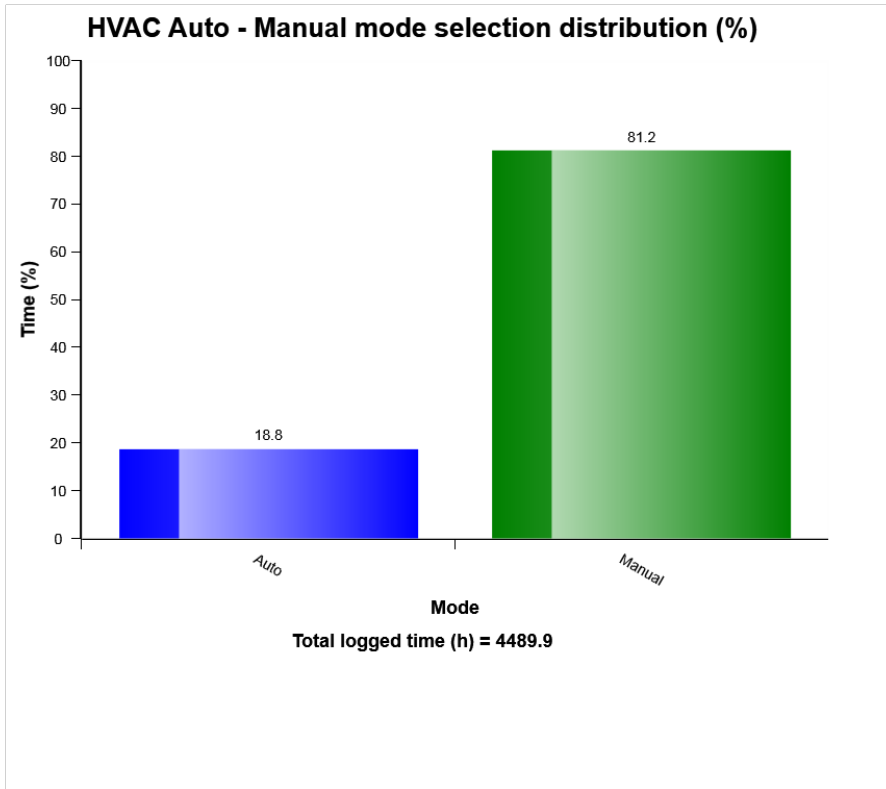
Machine model	SerialNo	Operating Hours	Reading Date
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Low Brake Servo Pressure
Total number of occurrences = 5

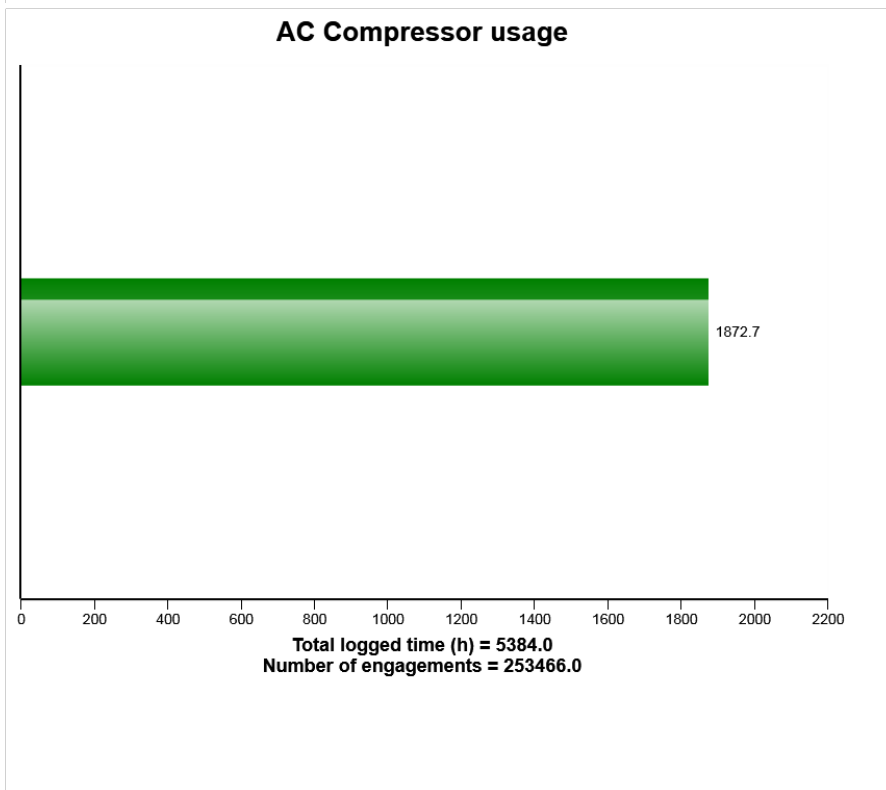
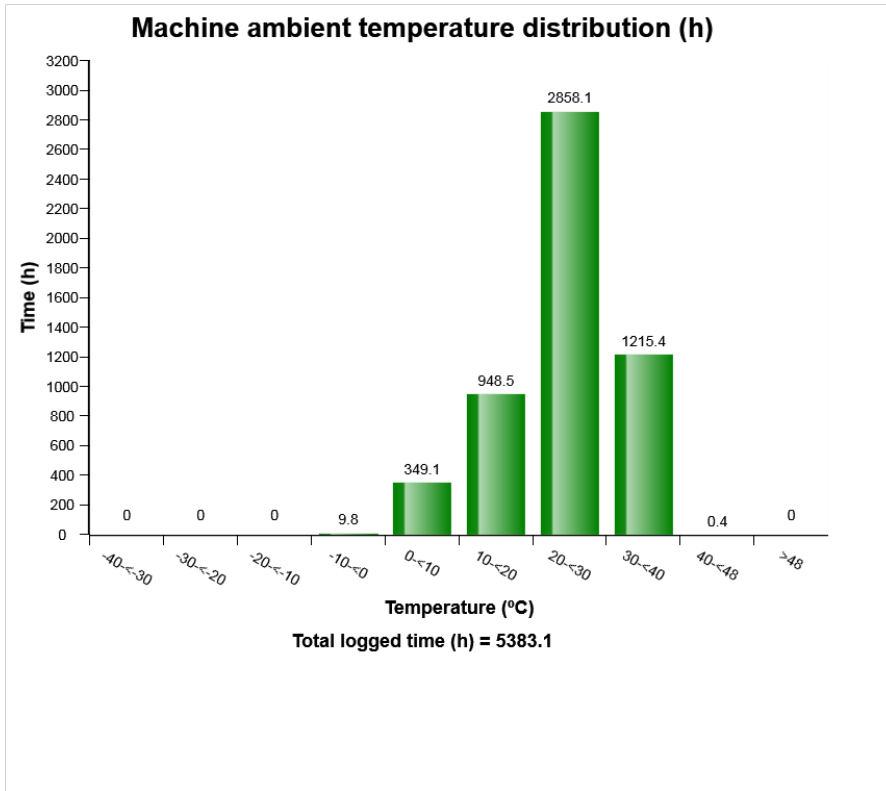
	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (bar)
F	0	2000	0	0	0	0	0	0
G	0	2000	0	0	0	0	0	0
H	0	2000	0	0	0	0	0	0
I	0	2000	0	0	0	0	0	0
J	0	2000	0	0	0	0	0	0
A	2	2016	6	9	8	0	0	152
B	4677	2017	7	19	6	38	10	156
C	4864	2017	8	2	2	32	0	159
D	5300	2017	10	3	12	6	0	154
E	5427	2017	11	3	9	12	10	150



Machine model	SerialNo	Operating Hours	Reading Date
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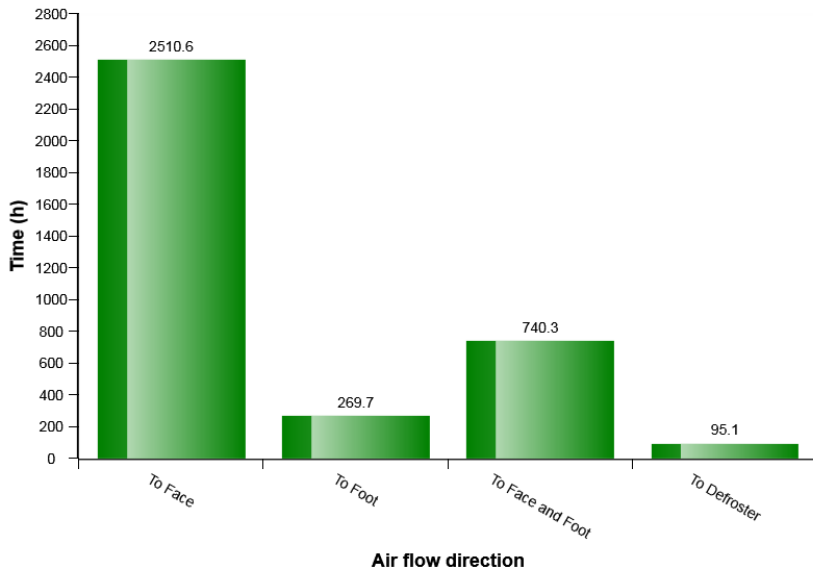


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341301	5430.4	7/17/2018

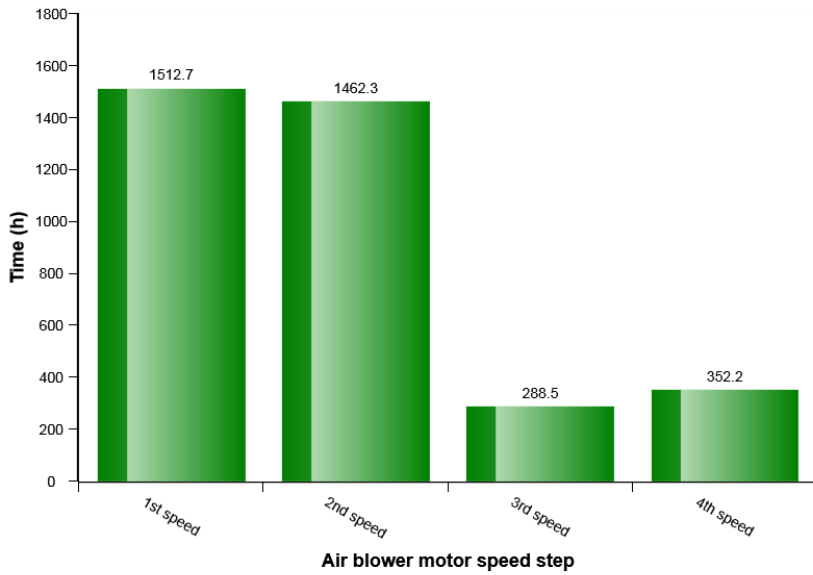


Machine model	SerialNo	Operating Hours	Reading Date
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HVAC air flow direction in manual mode distribution (h)



HVAC air blower motor speed in manual mode distribution (h)



Machine model	SerialNo	Operating Hours	Reading Date
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AC High Pressure
Total number of occurrences = 36

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° C)
808	2016	7	27	15	55	557	38
818	2016	7	28	13	24	60	36
820	2016	7	28	15	20	31	37
820	2016	7	28	15	4	77	37
821	2016	7	28	16	21	124	38
1117	2016	8	13	12	35	13	35
1120	2016	8	13	15	41	17	36
1134	2016	8	14	9	39	15	31
1137	2016	8	14	12	45	25	35
1431	2016	9	1	13	23	13	33
3819	2017	5	20	15	54	461	34
4006	2017	6	3	16	6	20	32
4186	2017	6	14	15	9	17	35
4186	2017	6	14	16	7	128	35
4320	2017	6	24	15	55	48	32
4521	2017	7	8	16	10	121	36
4521	2017	7	8	16	19	37	35
4743	2017	7	23	14	36	33	37
4743	2017	7	23	14	58	18	36
5073	2017	8	21	13	33	11	33



Machine model	SerialNo	Operating Hours	Reading Date
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AC Boiling Protection Number of engagements = 0

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° C)
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0



Machine model	SerialNo	Operating Hours	Reading Date
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