

VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model A40G	SerialNo 341288	Operating Hours 4740.8	Reading Date 1/29/2019
Company name Acemdum	Dealer	Report Issuer	
Contact name	Technician Boback	Primary Application Earth moving construction	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation

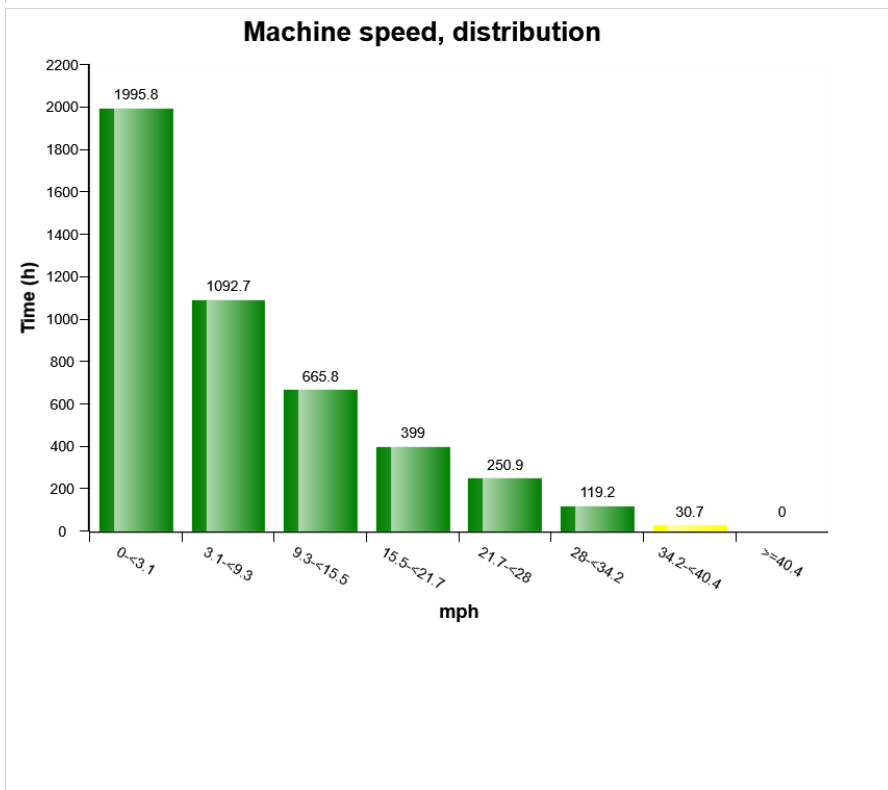
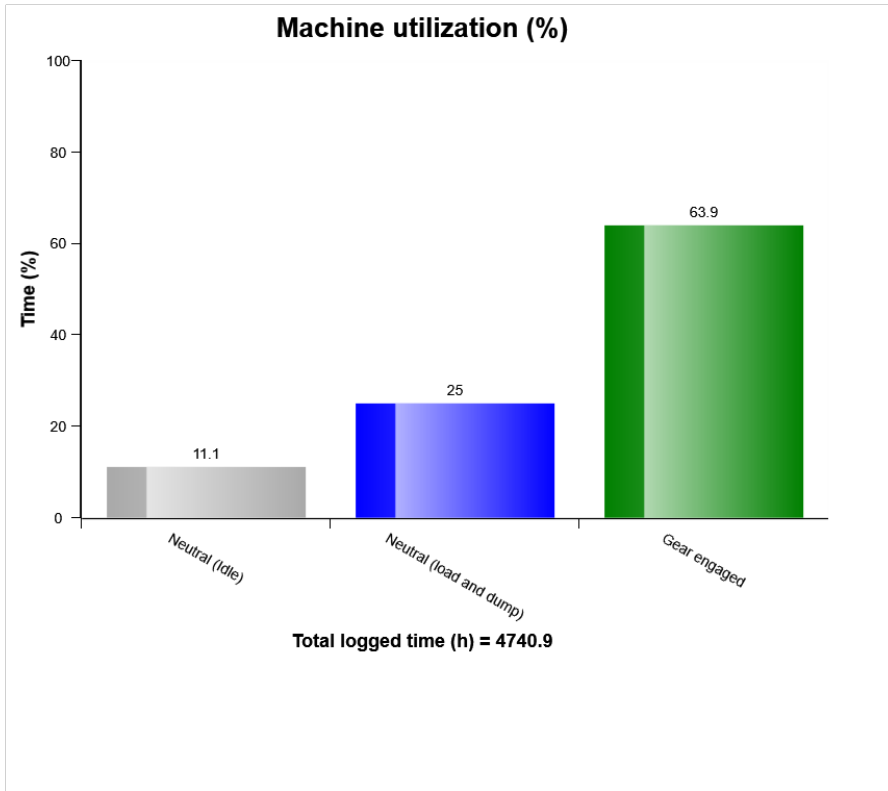


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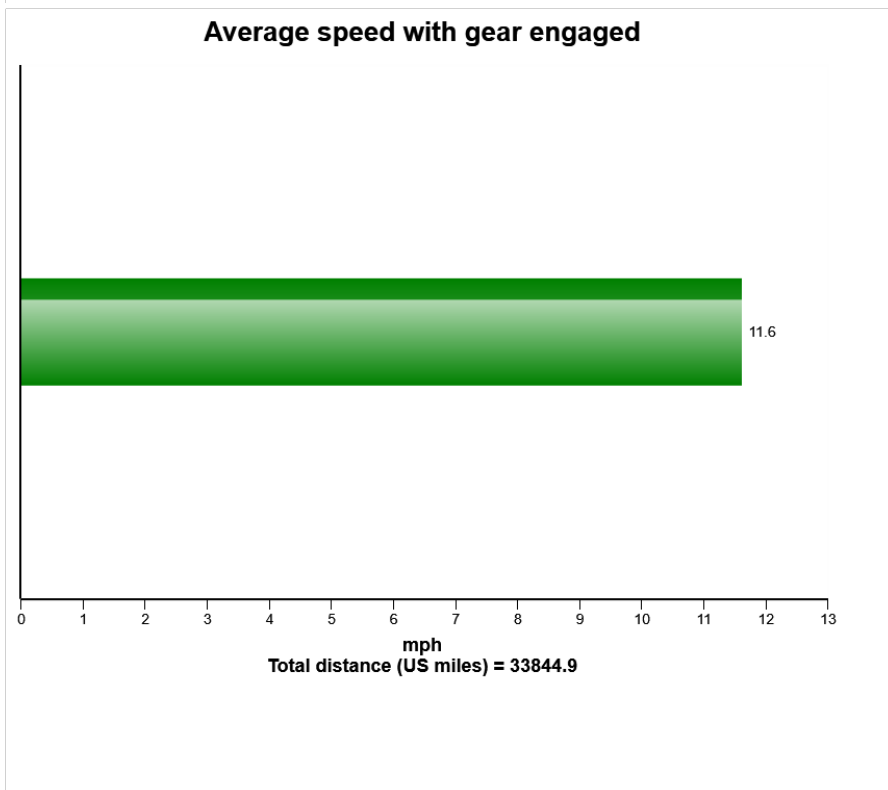
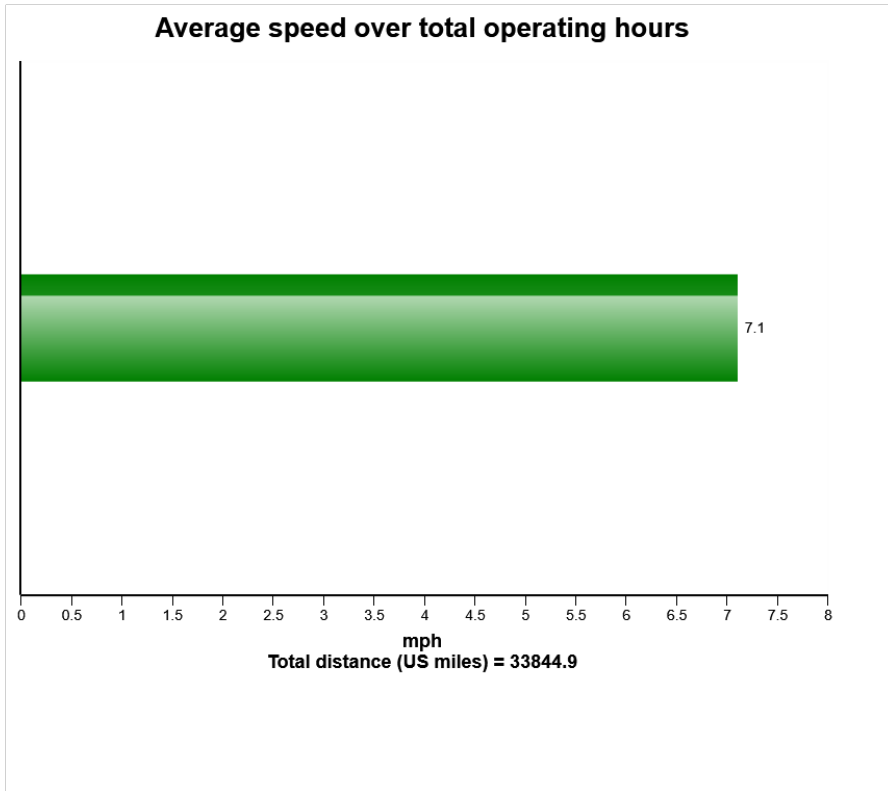
Main equipment	Type	Equipment
	Tyre size/class	Sold without tyres
	Body extensions	Not mounted
	Tail-gate	Not mounted
	Extra spillguard	Not mounted
	Wear plates	Not mounted
	Pattern	None



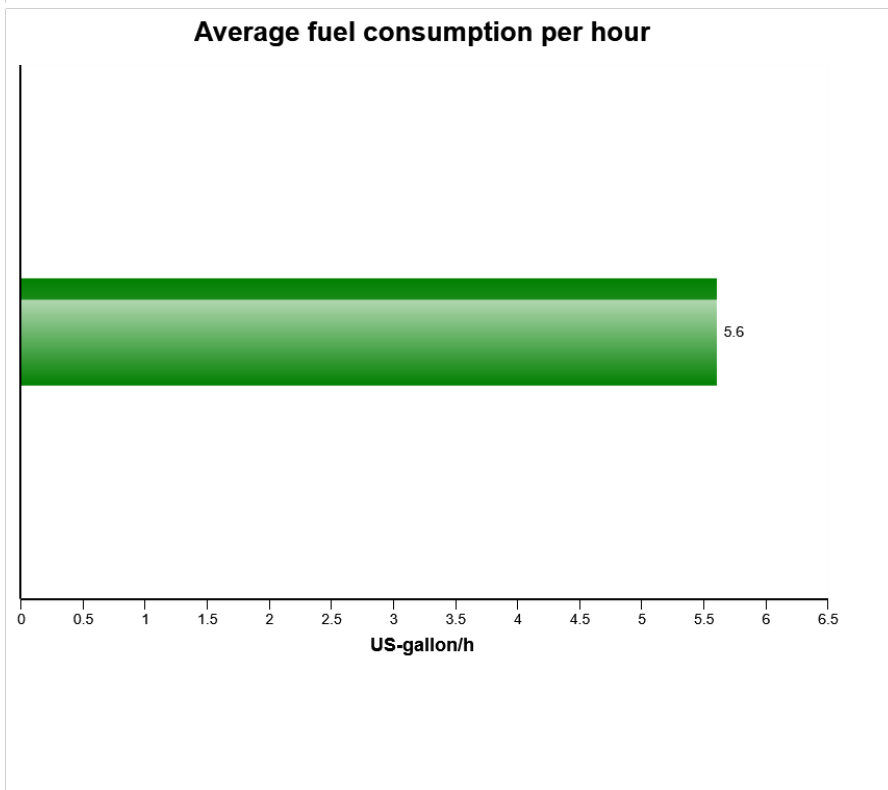
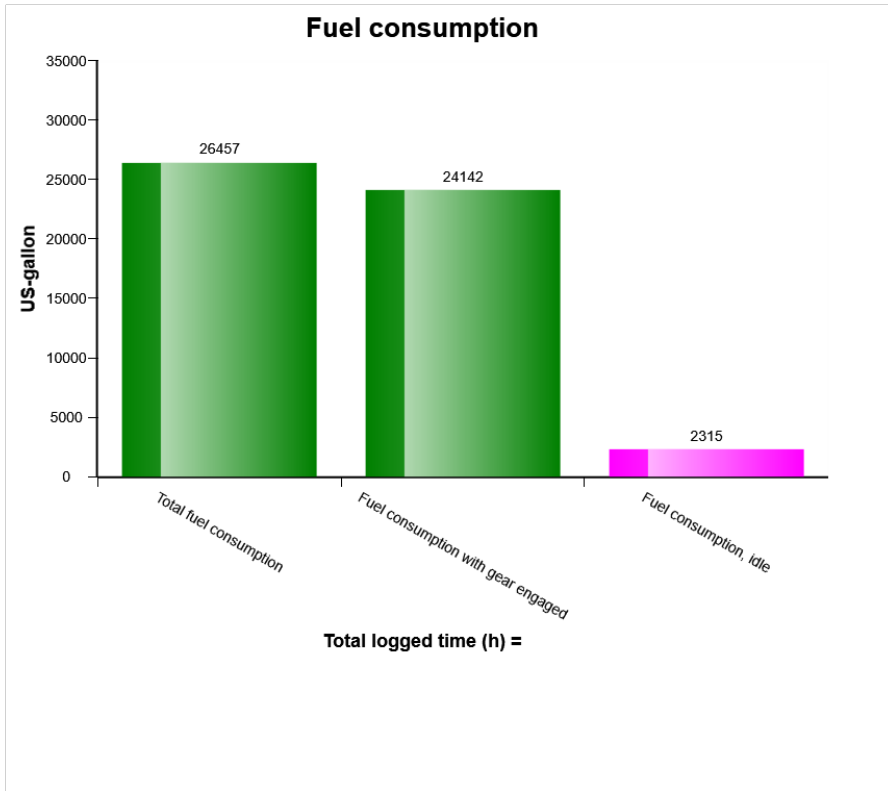
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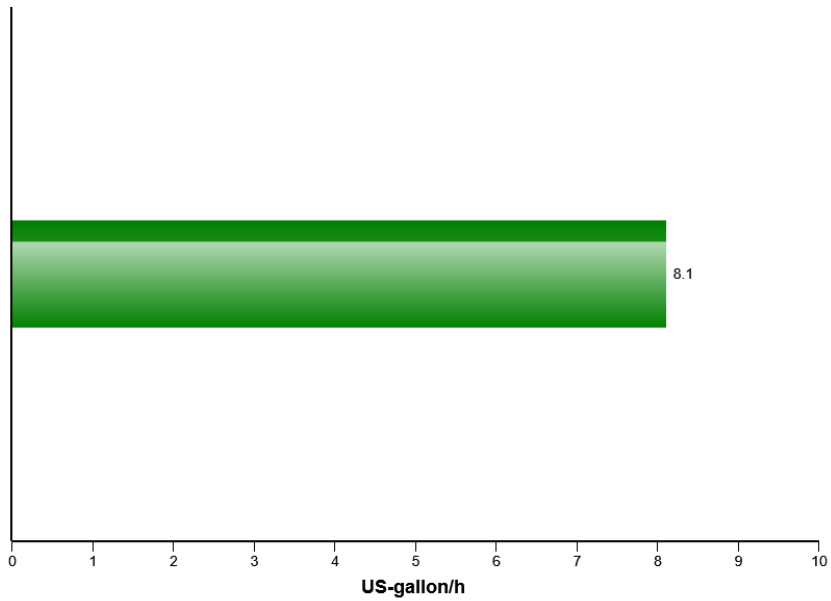


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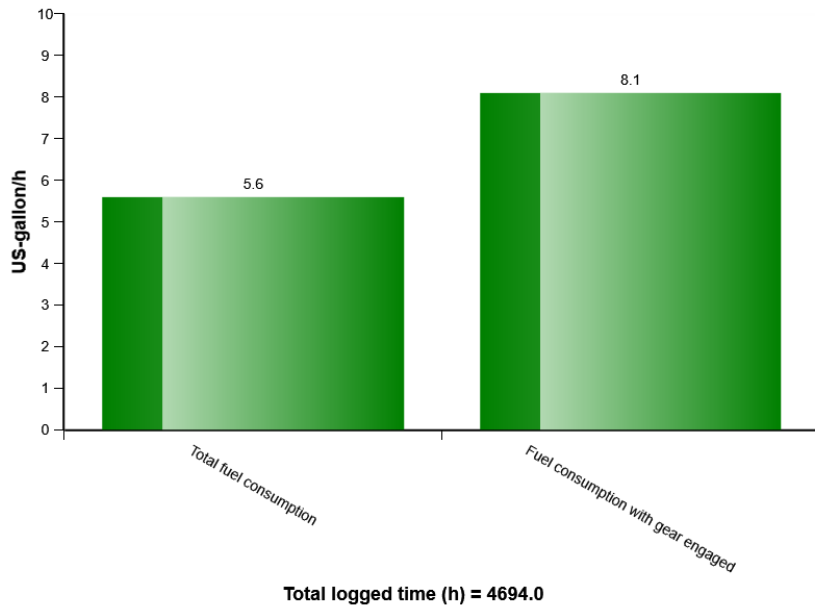


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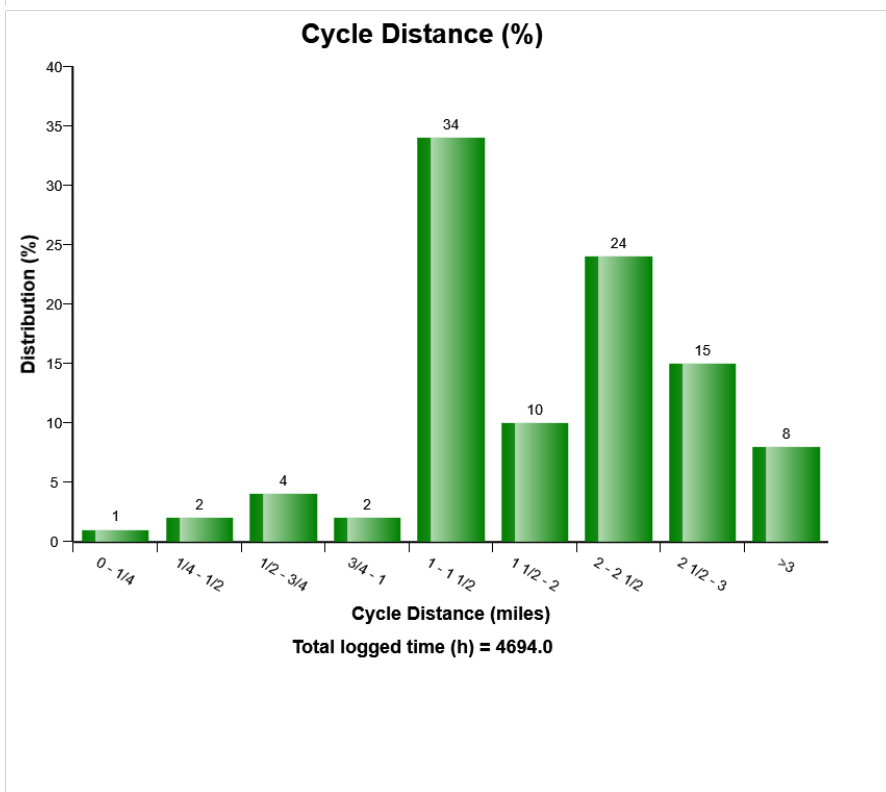
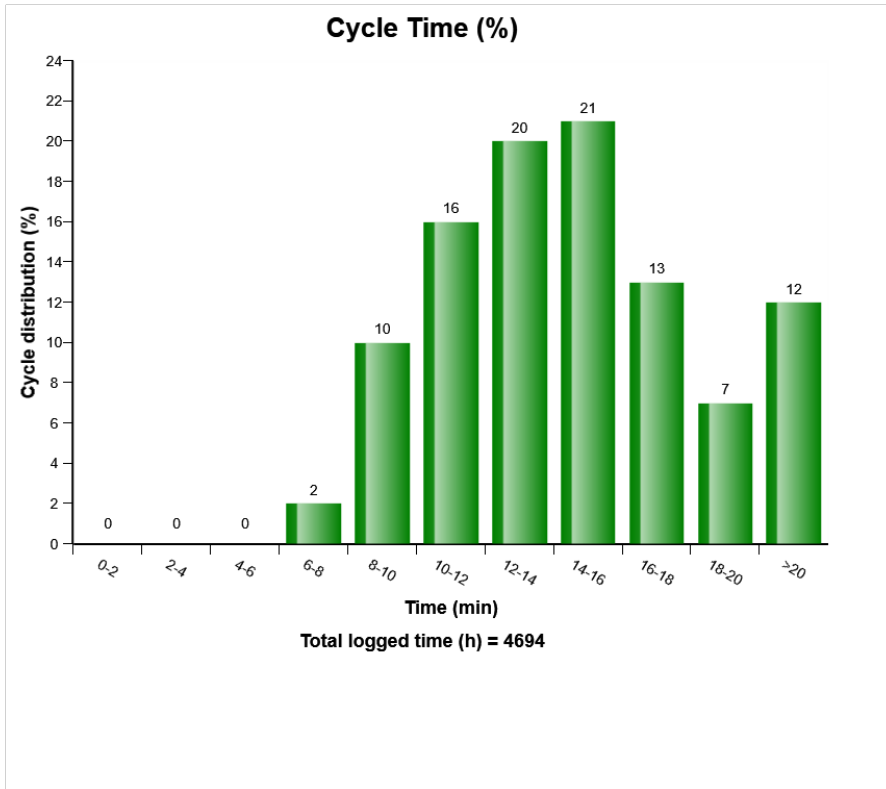
Average fuel consumption per hour with gear engaged



Average fuel consumption



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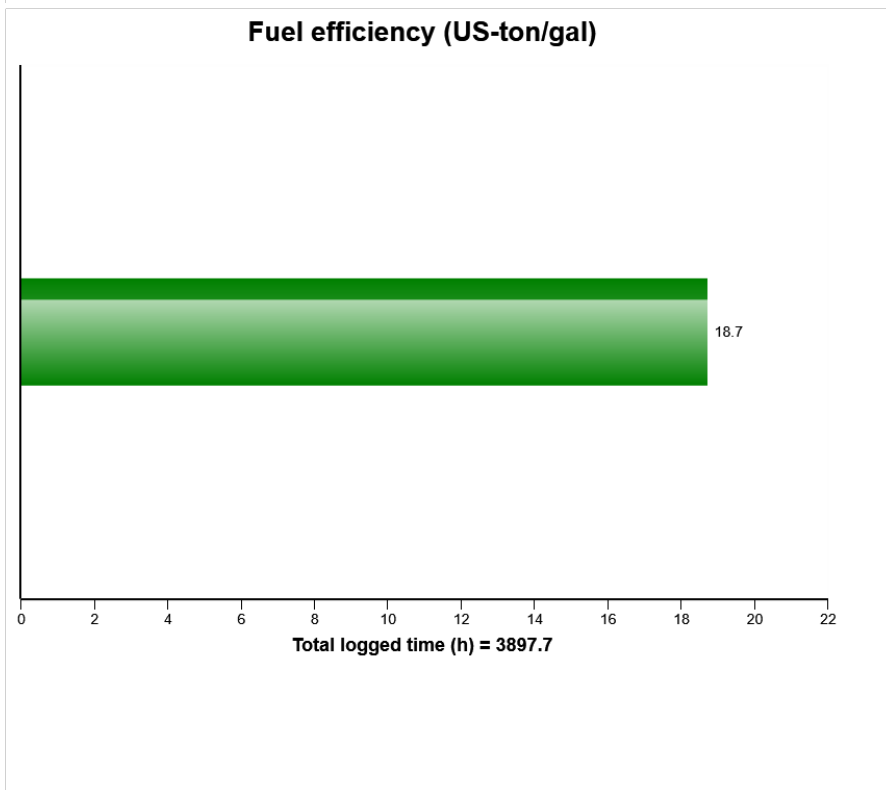
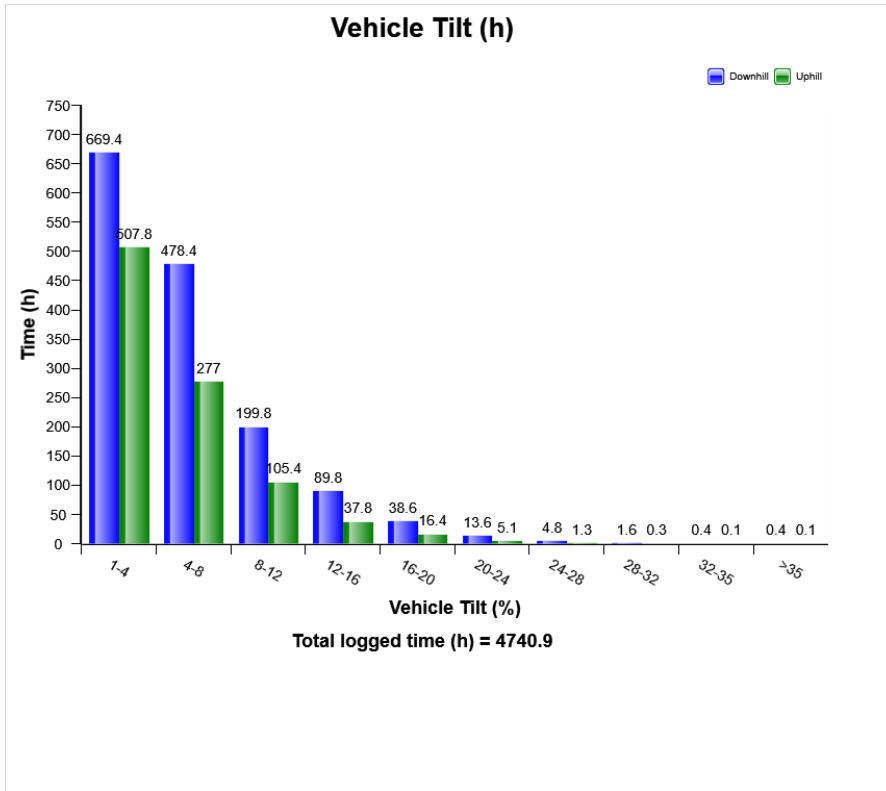
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Accumulated performance
Total logged time (h) =

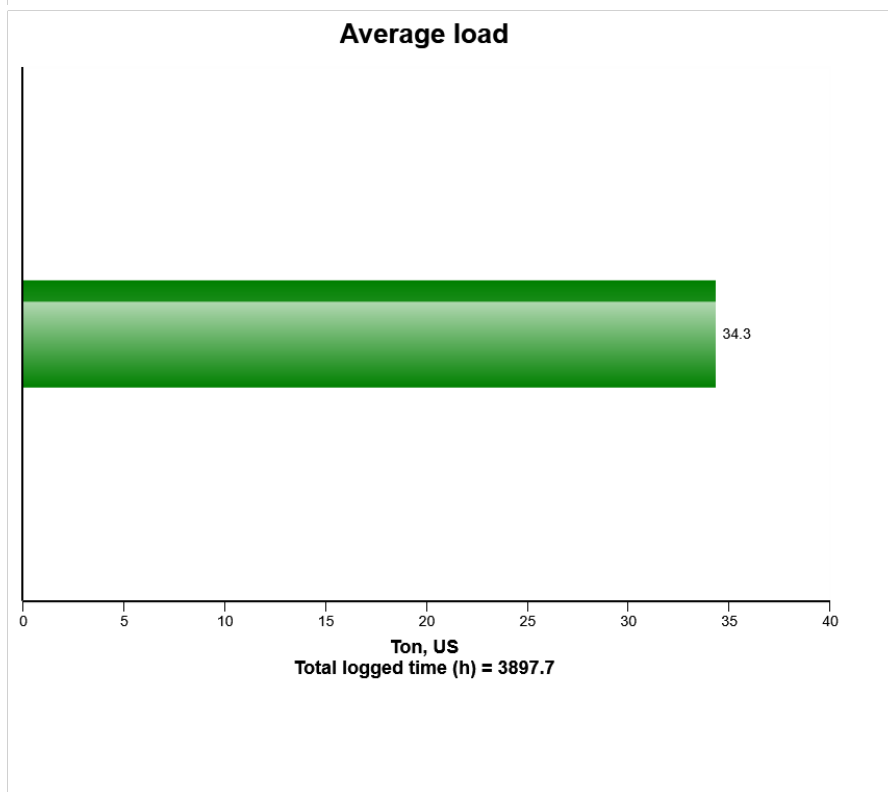
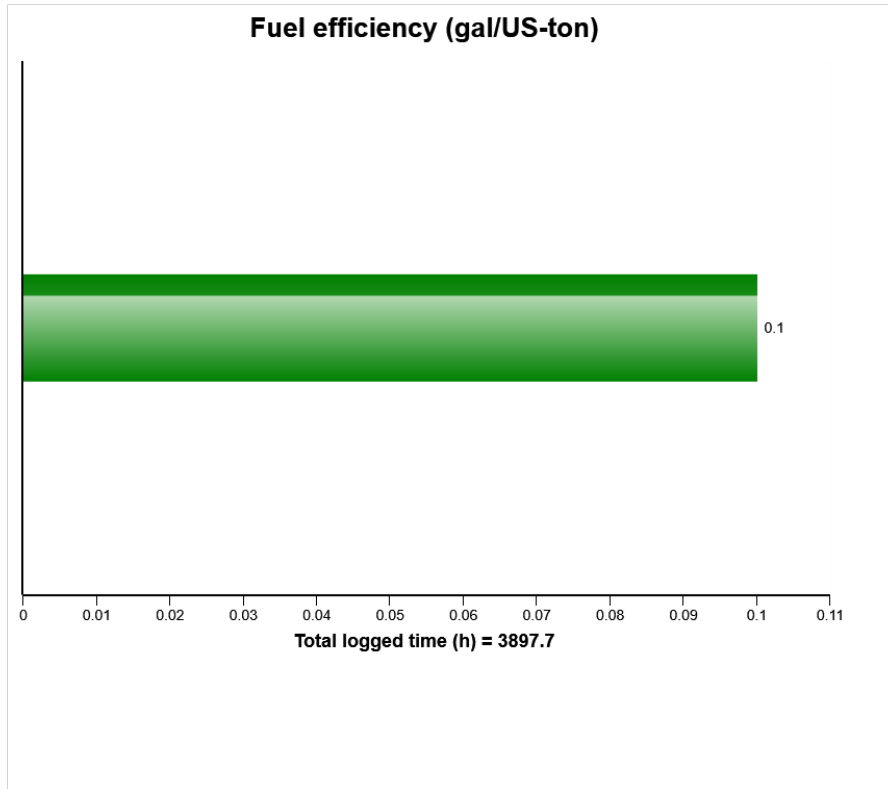
Total logged time (h) =	3897.7
Fuel consumption (US-gallons)	23739
Production (ton,US)	442941
Ton/h	113.6
Ton/gal	18.7
Fuel efficiency (US Gal/ton)	0.05
Number of cycles	12921
Cycles overloaded (%)	8
Load utilisation / cycle (%)	80



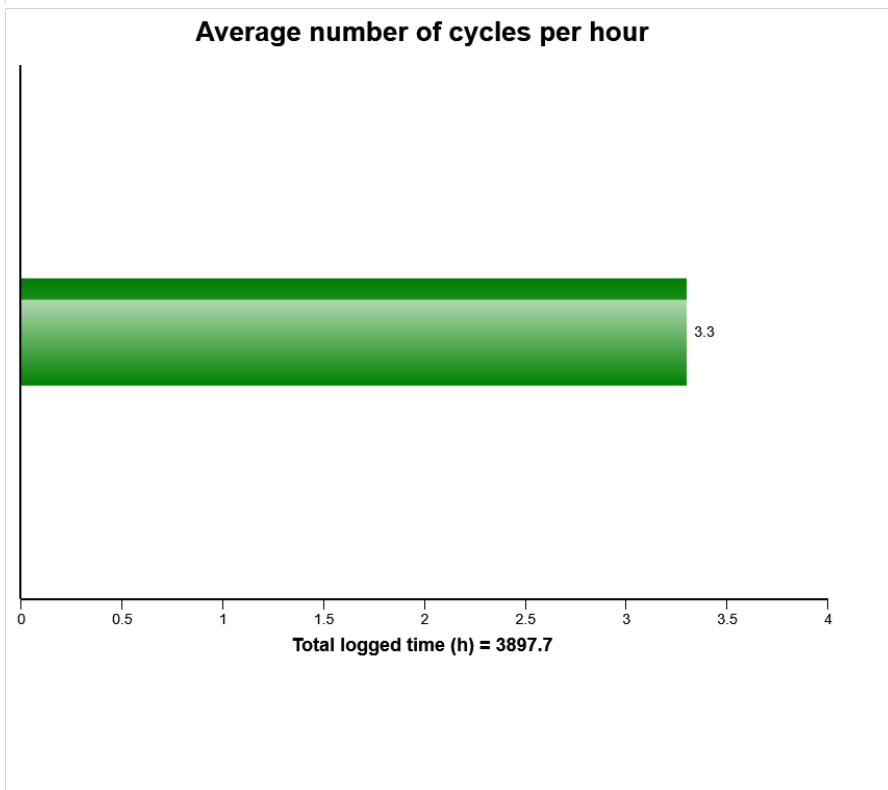
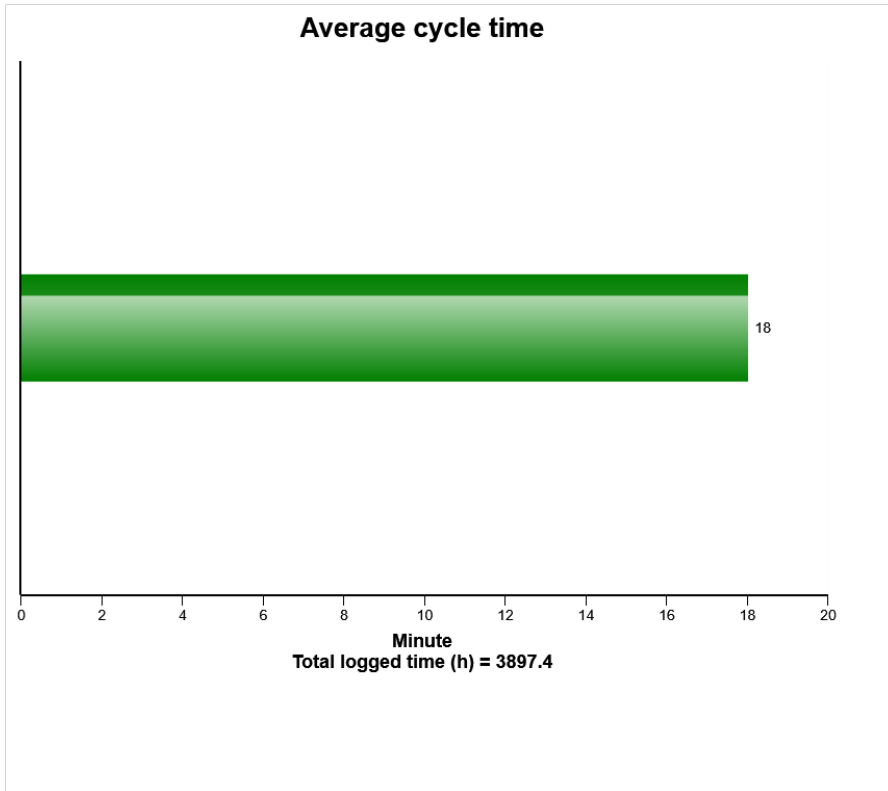
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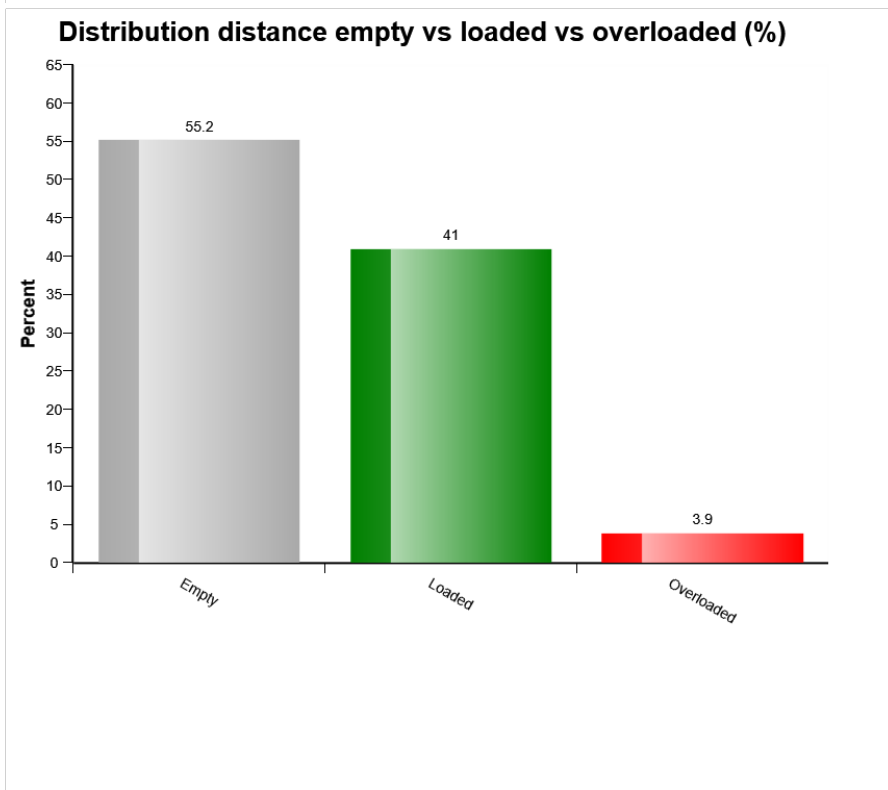
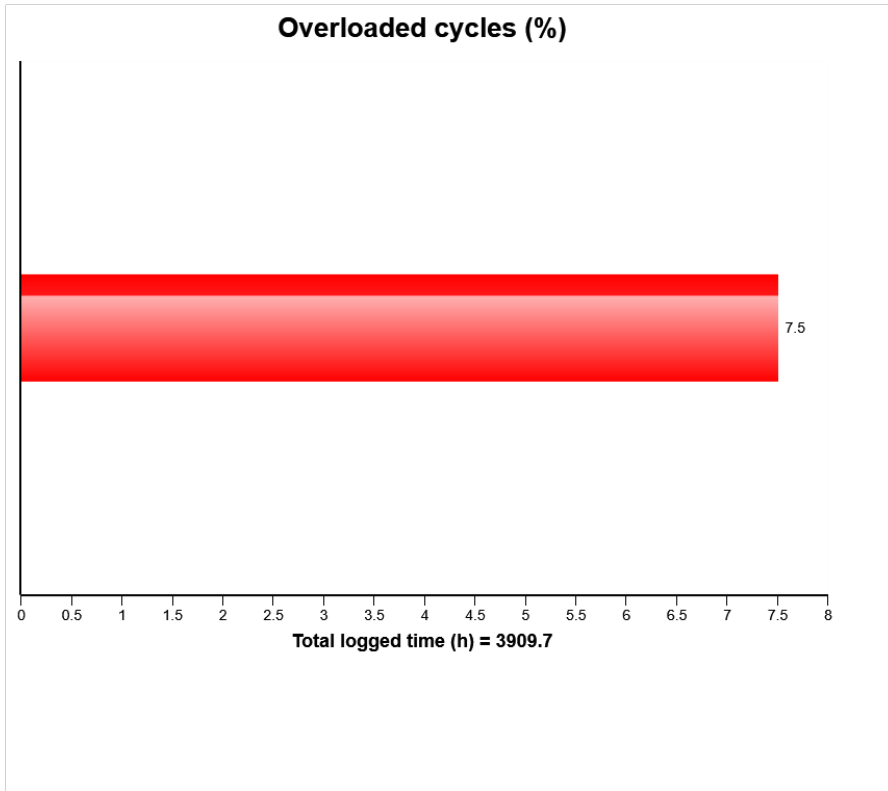
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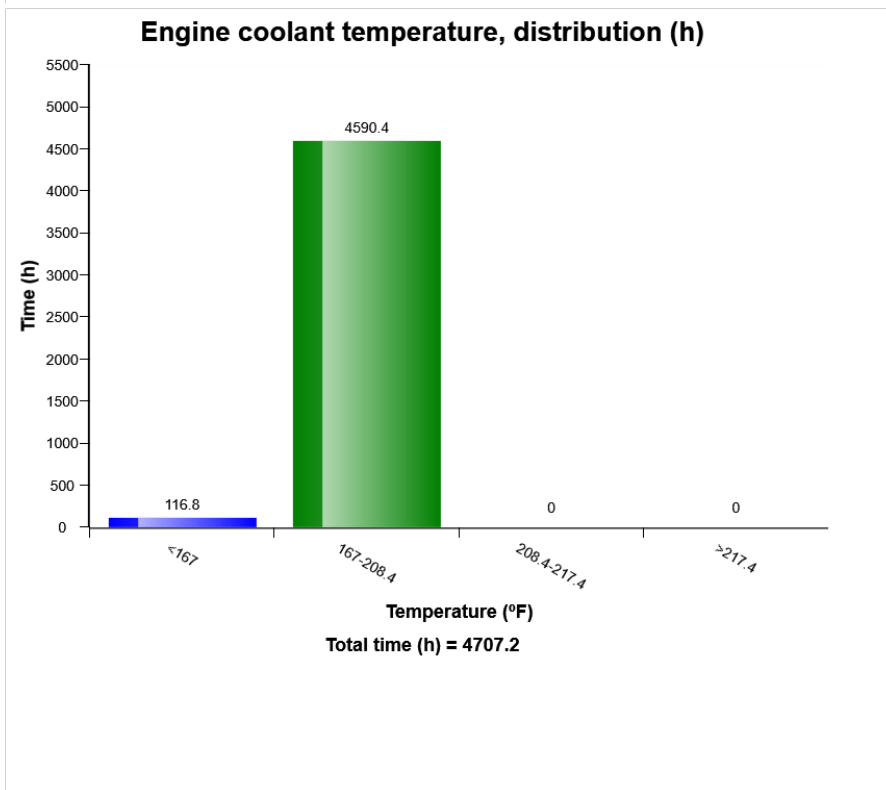
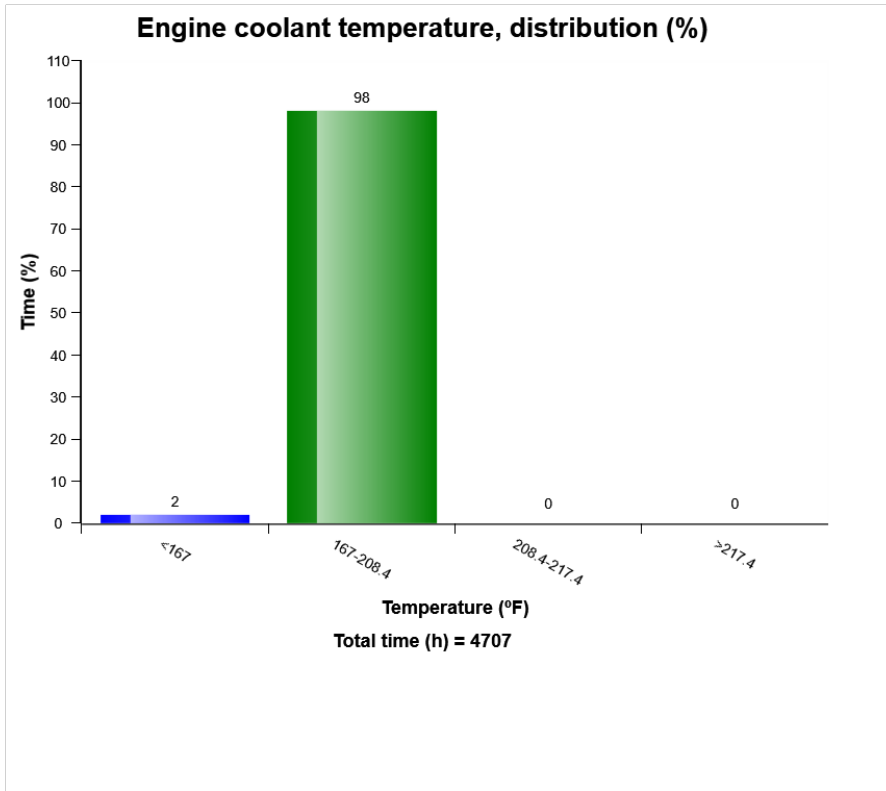
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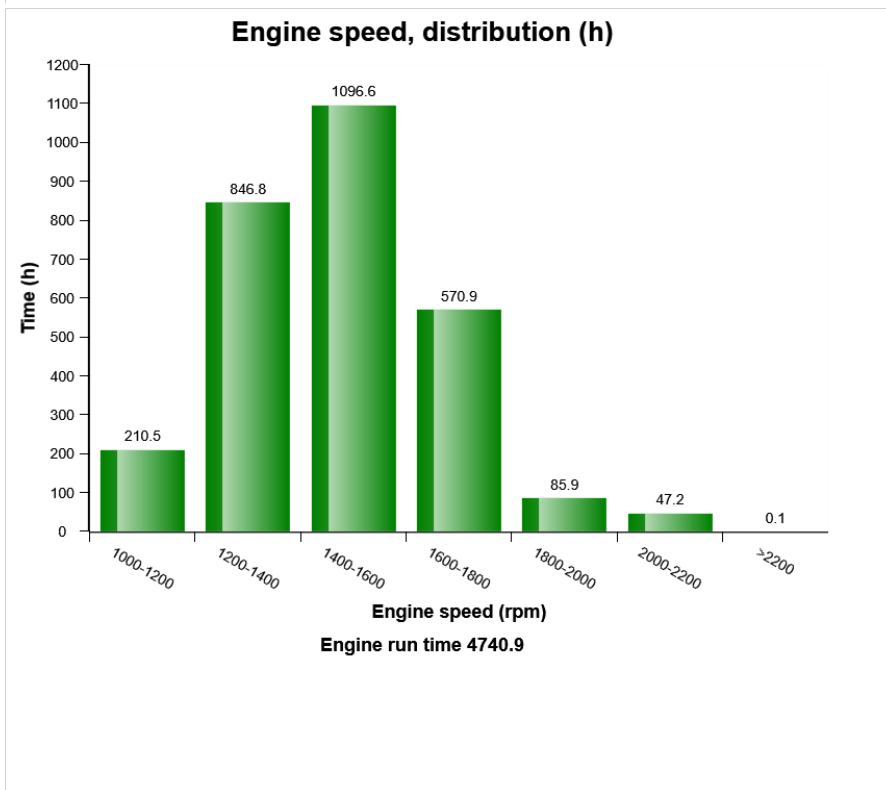
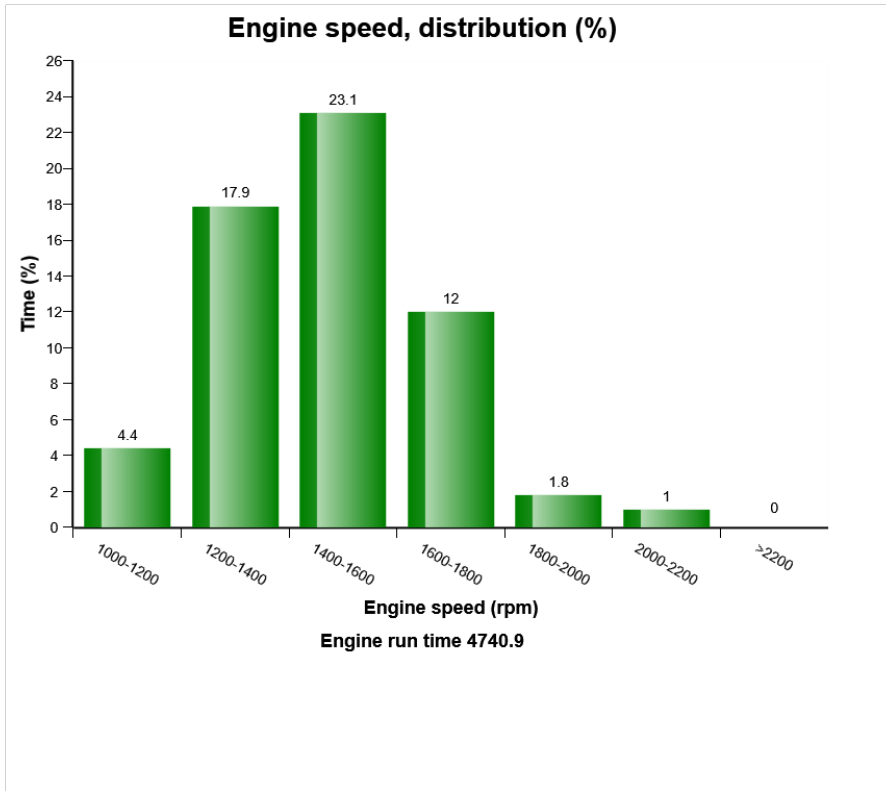
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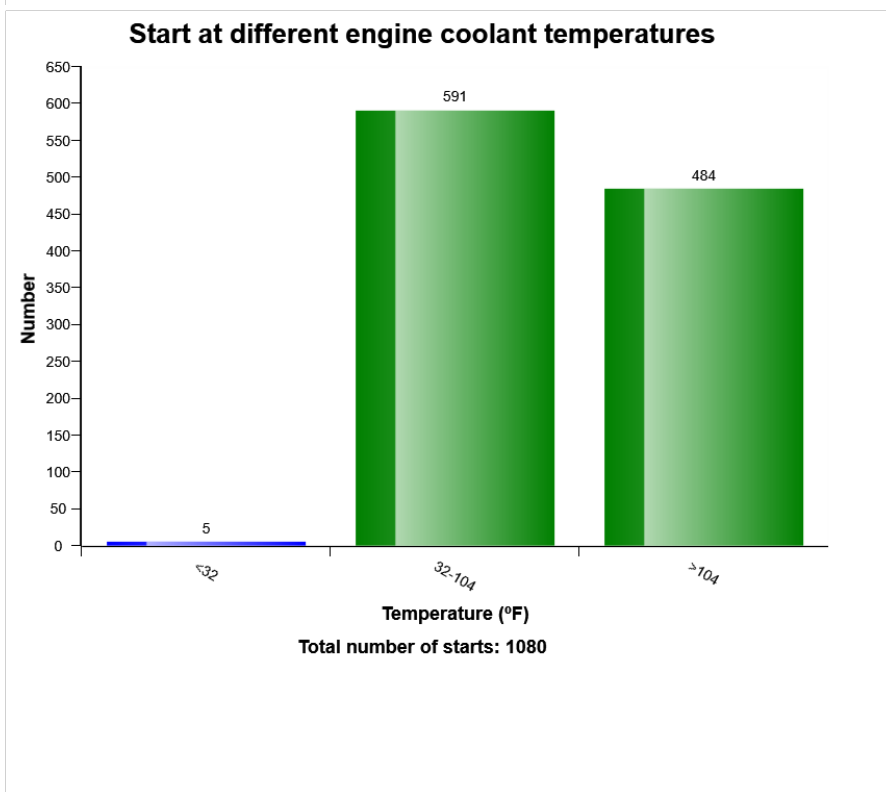
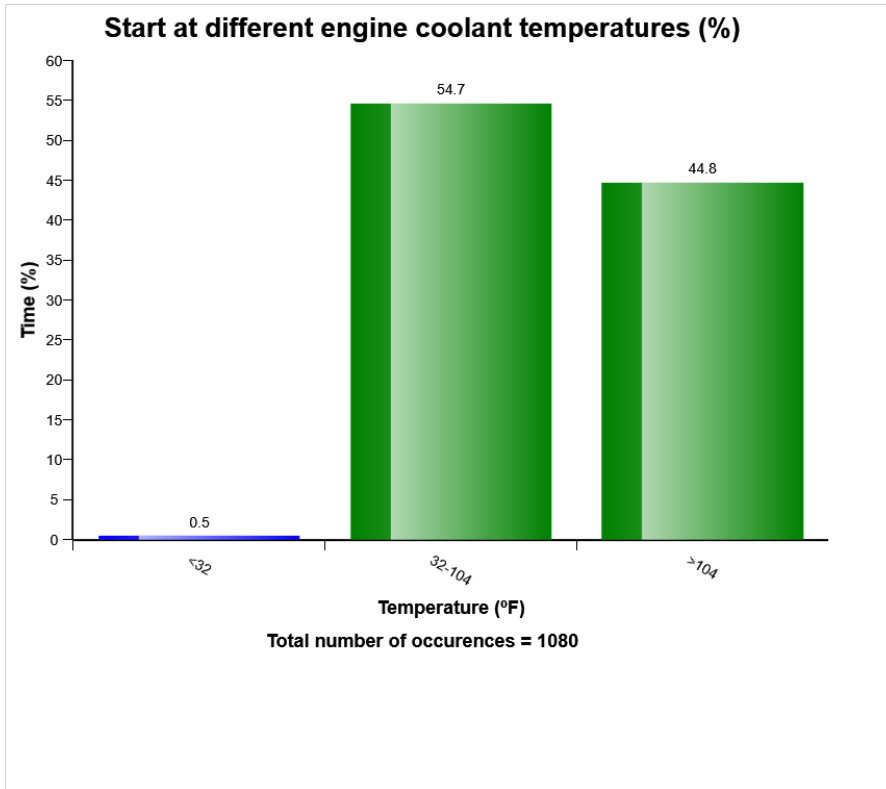
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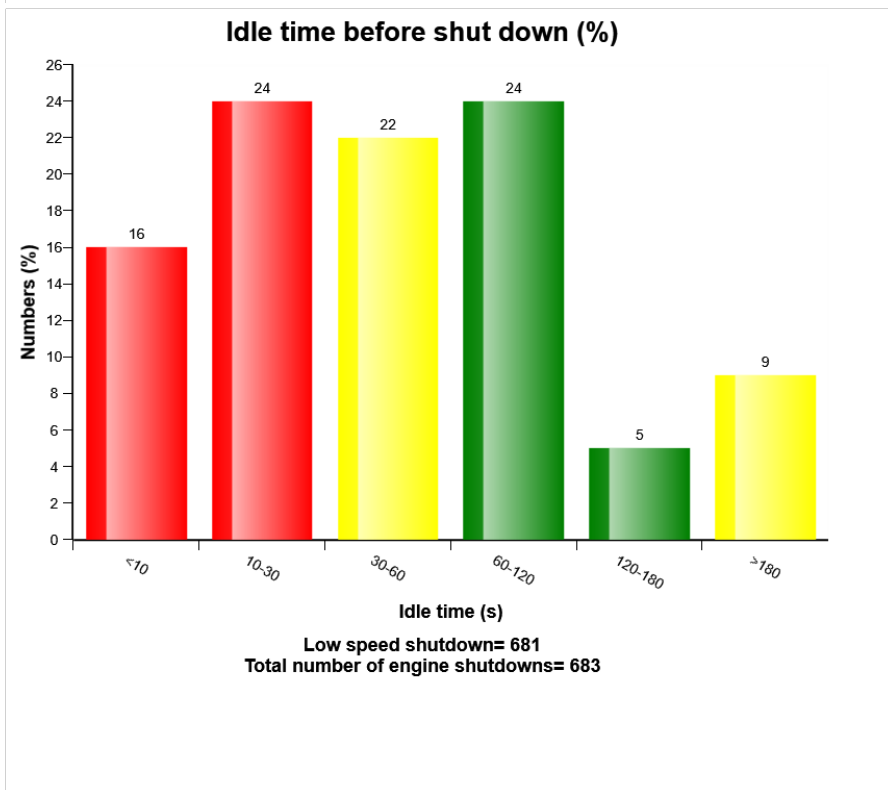
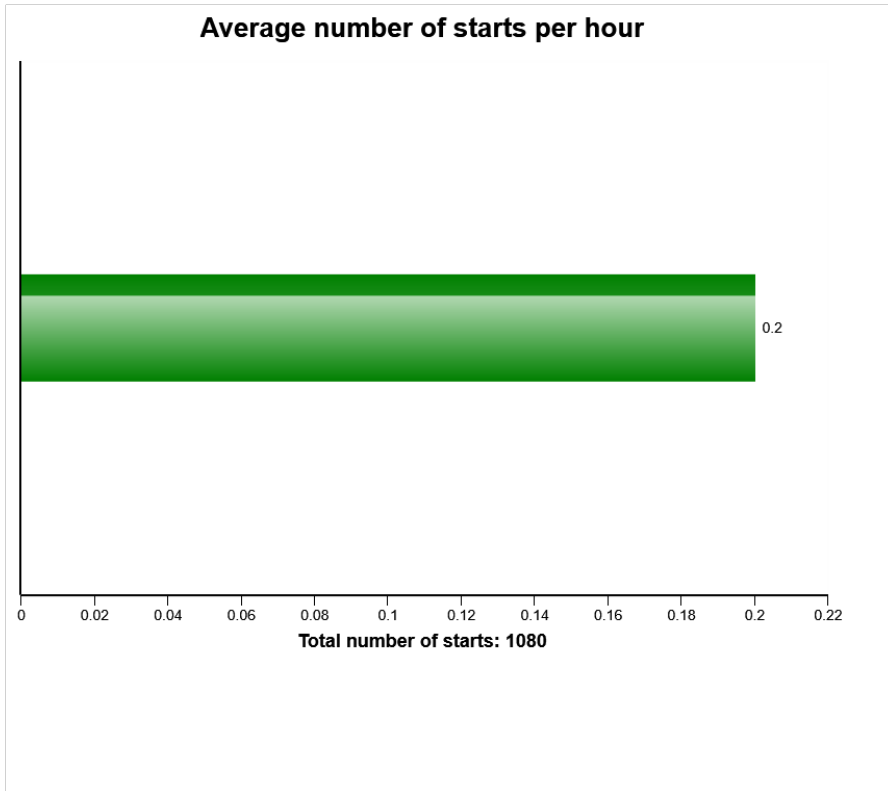
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**High engine coolant temperature
Total number of occurrences = 0**

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° F)
A	0	2000	0	0	0	0	0	32
B	0	2000	0	0	0	0	0	32
C	0	2000	0	0	0	0	0	32
D	0	2000	0	0	0	0	0	32
E	0	2000	0	0	0	0	0	32
F	0	2000	0	0	0	0	0	32
G	0	2000	0	0	0	0	0	32
H	0	2000	0	0	0	0	0	32
I	0	2000	0	0	0	0	0	32
J	0	2000	0	0	0	0	0	32



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

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° F)
A	0	2000	0	0	0	0	0	32
B	0	2000	0	0	0	0	0	32
C	0	2000	0	0	0	0	0	32
D	0	2000	0	0	0	0	0	32
E	0	2000	0	0	0	0	0	32
F	0	2000	0	0	0	0	0	32
G	0	2000	0	0	0	0	0	32
H	0	2000	0	0	0	0	0	32
I	0	2000	0	0	0	0	0	32
J	0	2000	0	0	0	0	0	32



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
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



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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
*	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 = 17

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
830	2017	5	15	14	43
2456	2018	1	17	16	50
2968	2018	4	2	16	37
3036	2018	4	16	16	35
3122	2018	4	27	16	38
3123	2018	4	30	7	1
3264	2018	5	16	11	35
3264	2018	5	24	12	56
3264	2018	6	1	6	36
3264	2018	6	1	7	36
3274	2018	6	2	9	13
3434	2018	6	21	13	56
3512	2018	7	1	8	49
4367	2018	10	29	18	21
4486	2018	11	10	9	21
4613	2018	12	4	12	5
4657	2018	12	13	13	47



Machine model	SerialNo	Operating Hours	Reading Date
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Regeneration duration
Total number of occurrences = 85

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
3737	2018	8	10	15	19	48
3799	2018	8	20	9	0	56
3866	2018	8	27	8	22	49
3964	2018	9	6	16	26	53
4154	2018	10	5	10	1	52
4235	2018	10	15	13	32	56
4301	2018	10	23	6	53	51
4366	2018	10	29	17	50	31
4367	2018	10	30	6	51	29
4410	2018	11	2	13	44	46
4415	2018	11	3	7	37	46
4438	2018	11	5	13	42	64
4480	2018	11	9	13	37	46
4485	2018	11	10	8	55	26
4500	2018	11	12	14	40	49
4522	2018	11	20	15	22	52
4612	2018	12	4	11	11	54
4613	2018	12	4	13	19	27
4657	2018	12	13	13	36	11
4695	2018	12	27	7	36	58



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



Machine model	SerialNo	Operating Hours	Reading Date
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High voltage
Total number of occurrences = 2

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme value
4464	2018	11	7	19	1	2	32.2
2350	2017	12	28	10	11	1	31.6
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



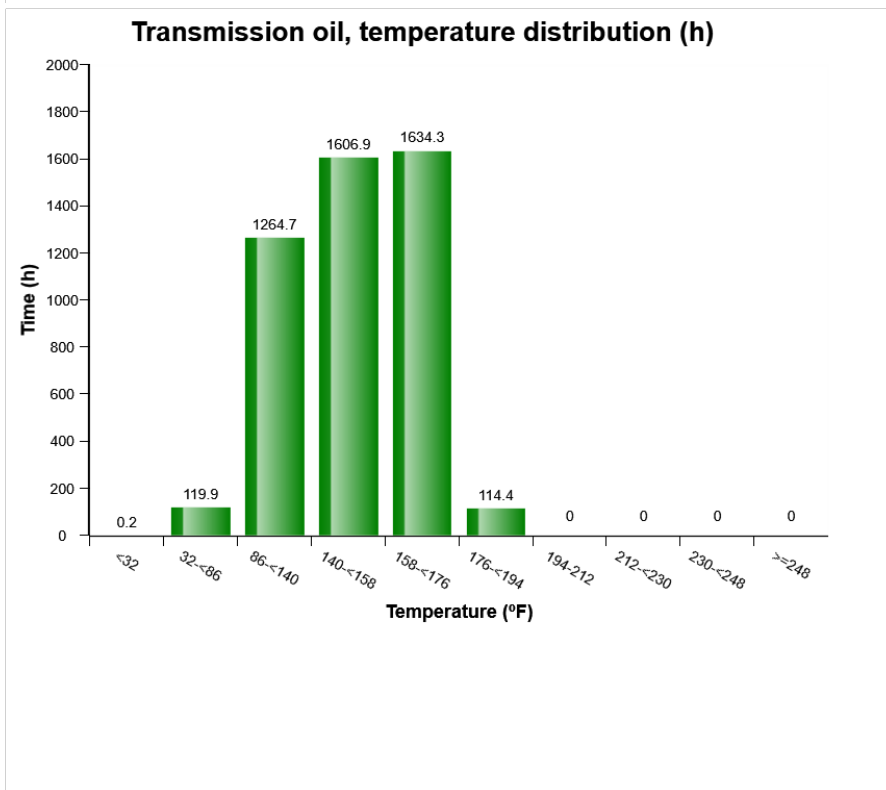
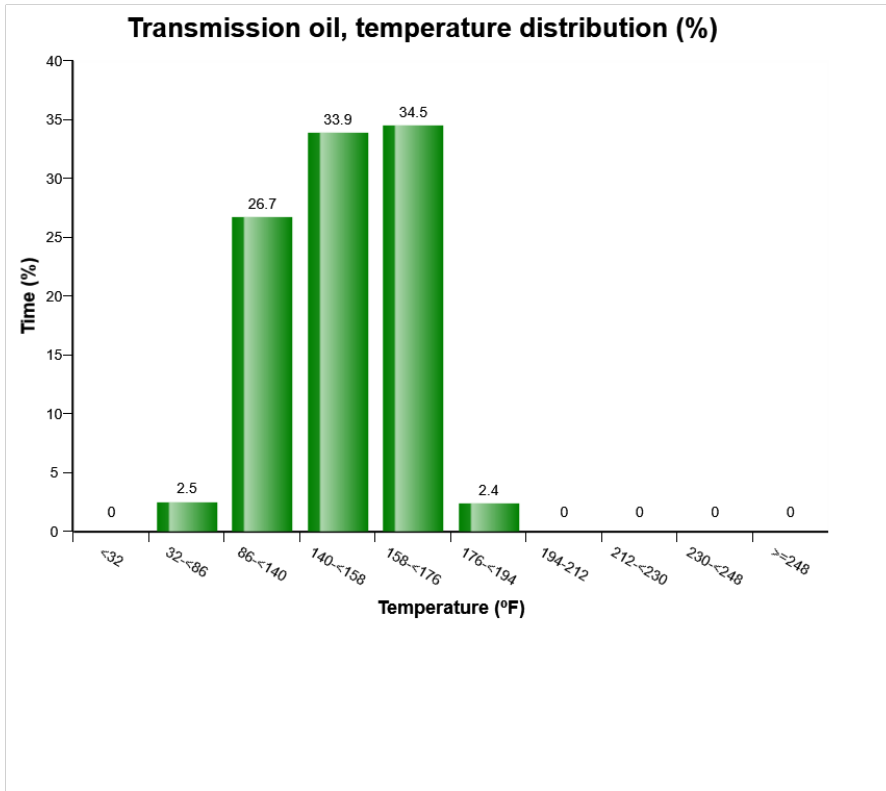
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**Low voltage
Total number of occurrences = 0**

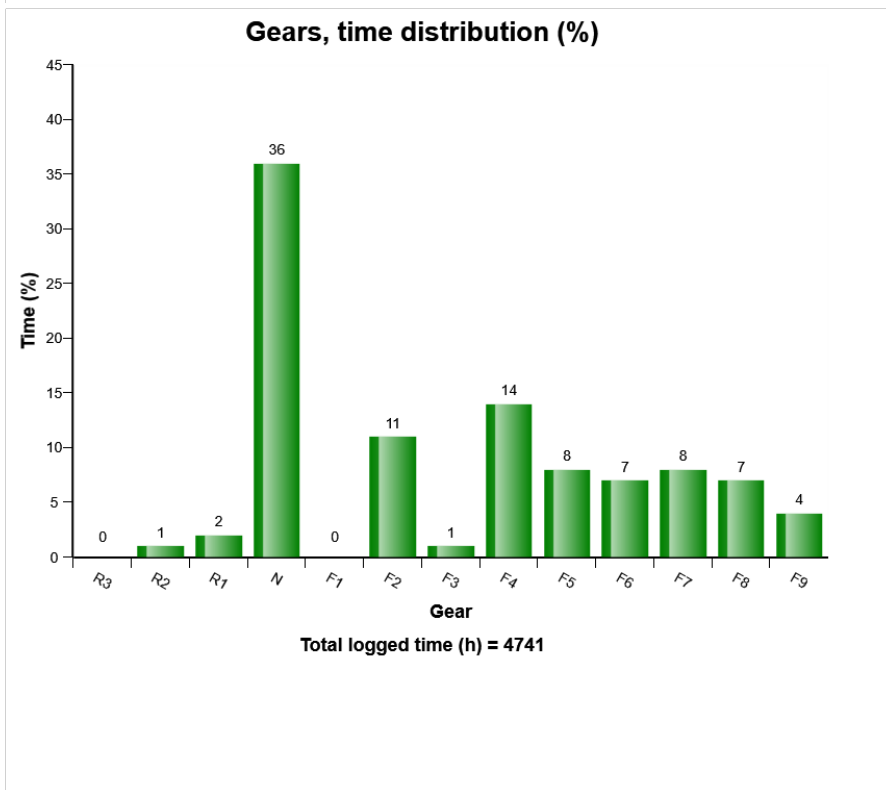
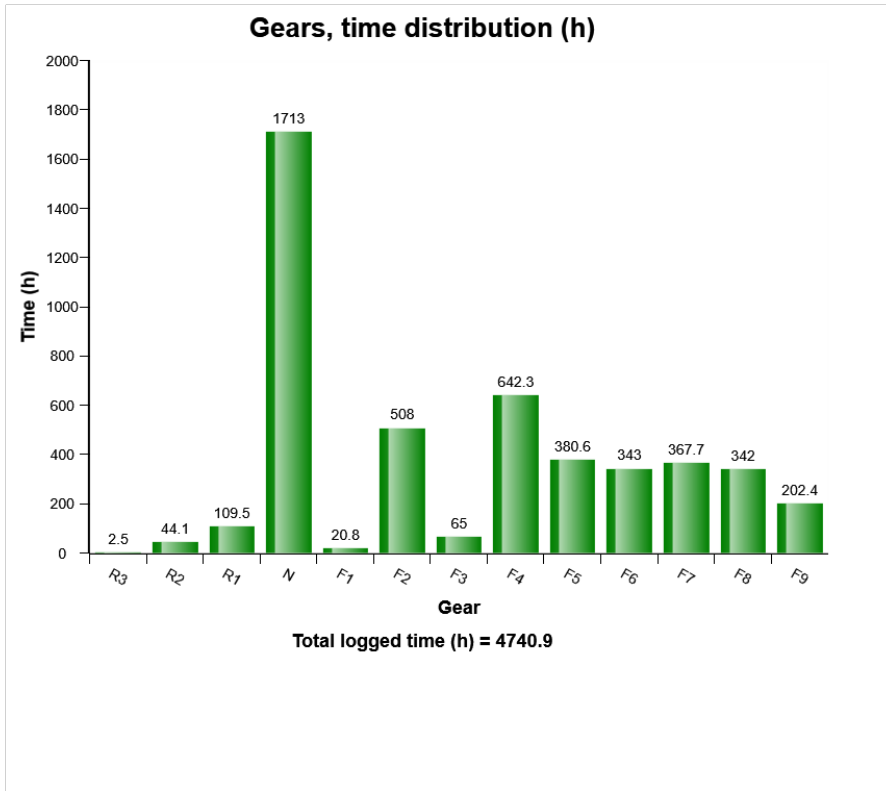
Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme value
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000	0	0	0	0	0	0.0
0	2000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



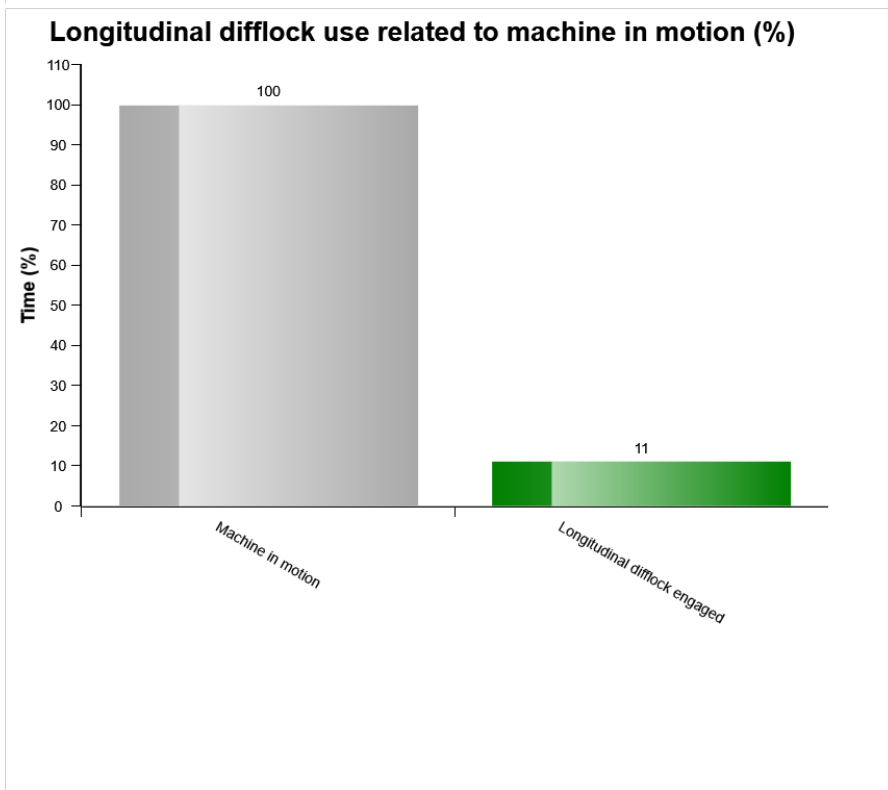
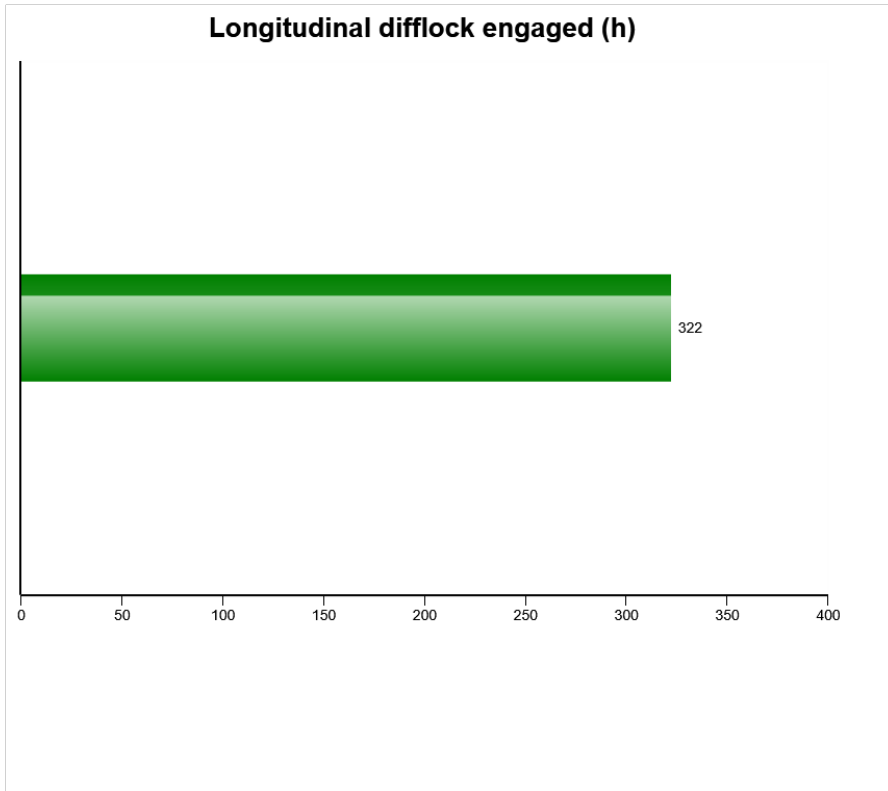
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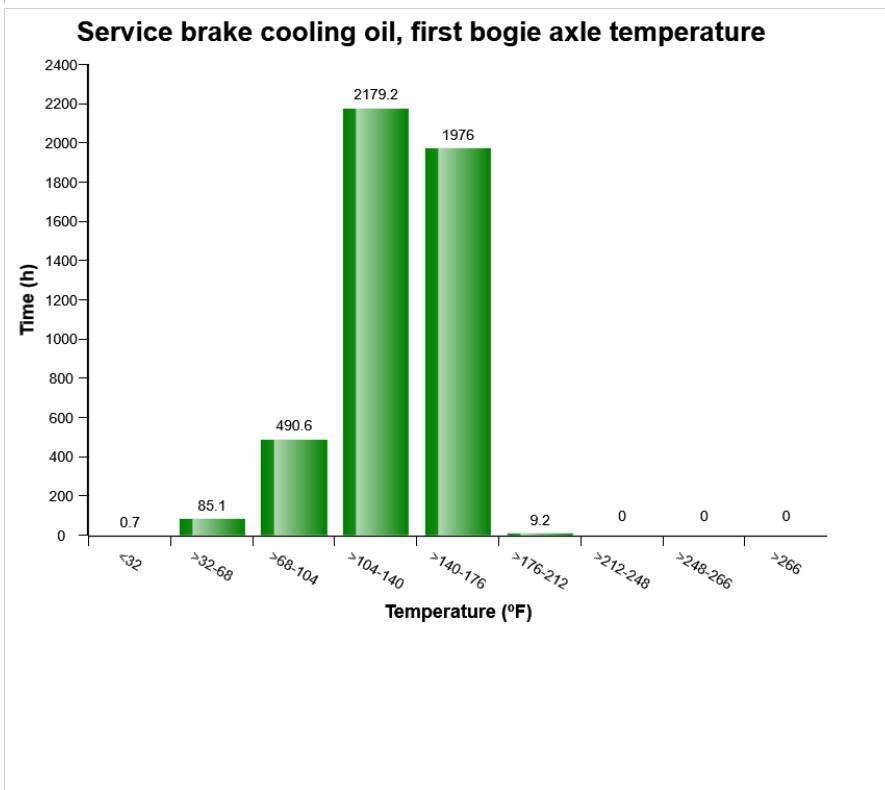
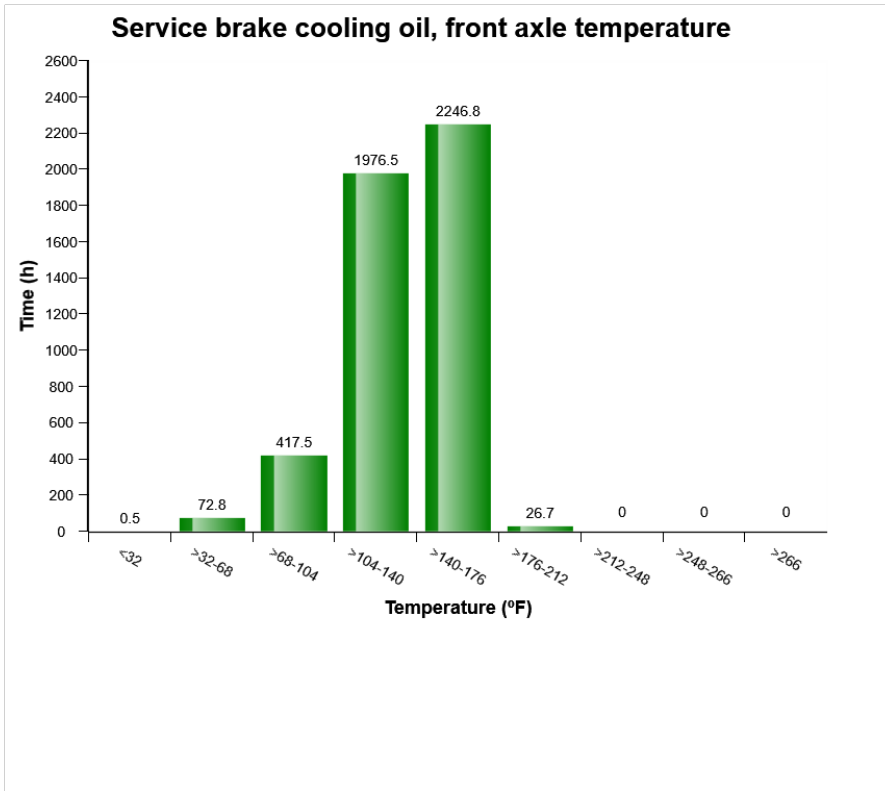
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A40G	341288	4740.8	1/29/2019

Transmission oil pressure low
Total number of occurrences = 3

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (psi)
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
261	2017	2	16	10	18	0	760
1093	2017	6	16	15	3	1	129
2266	2017	12	13	9	56	1	102

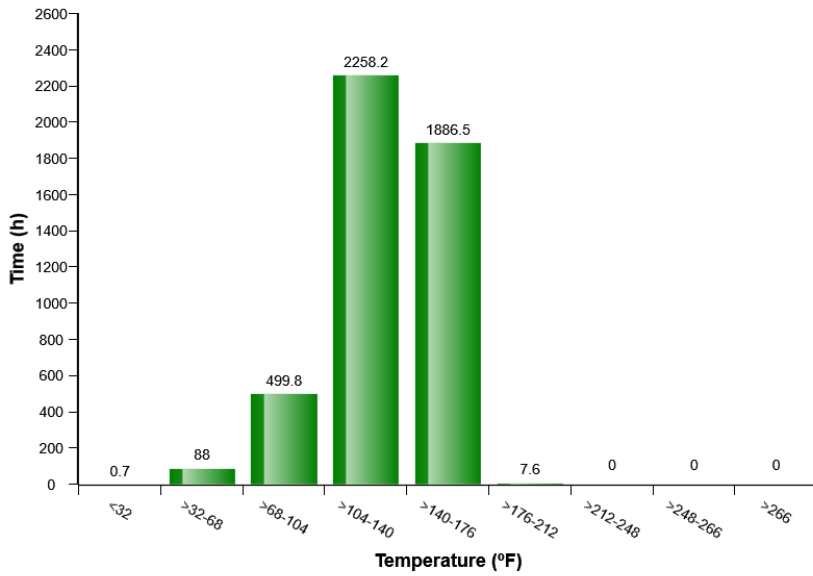


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

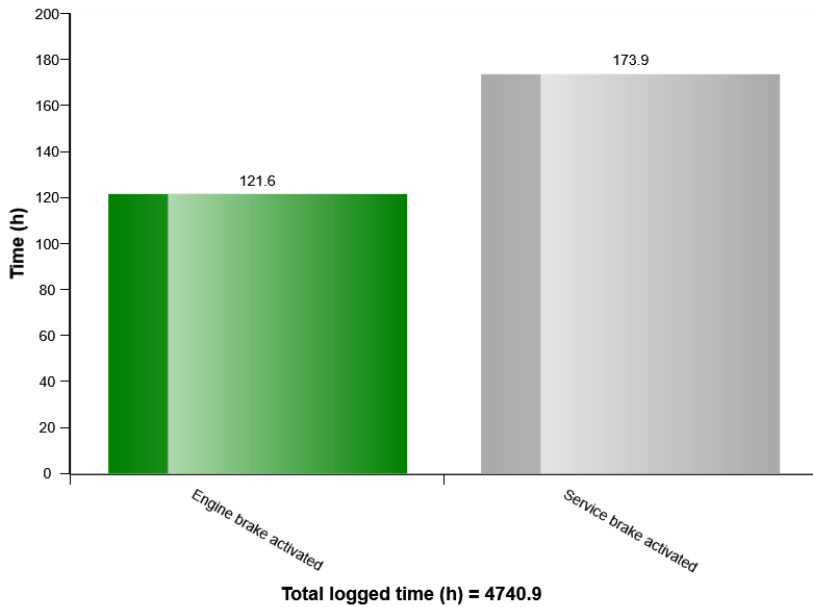


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

Service brake cooling oil, second bogie axle temperature



Brake Usage (h)



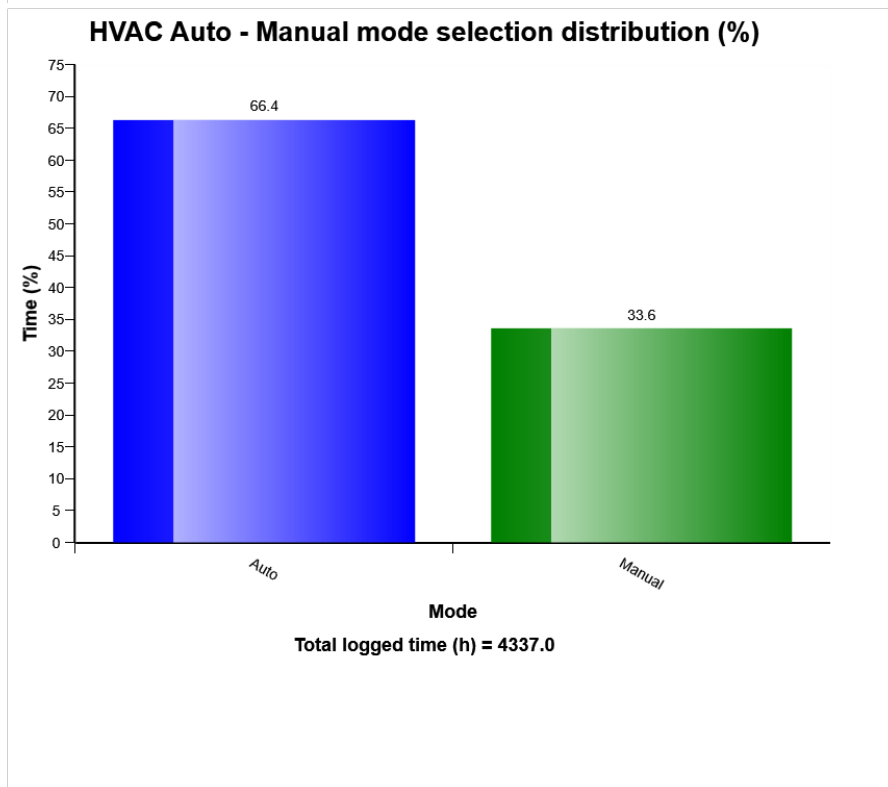
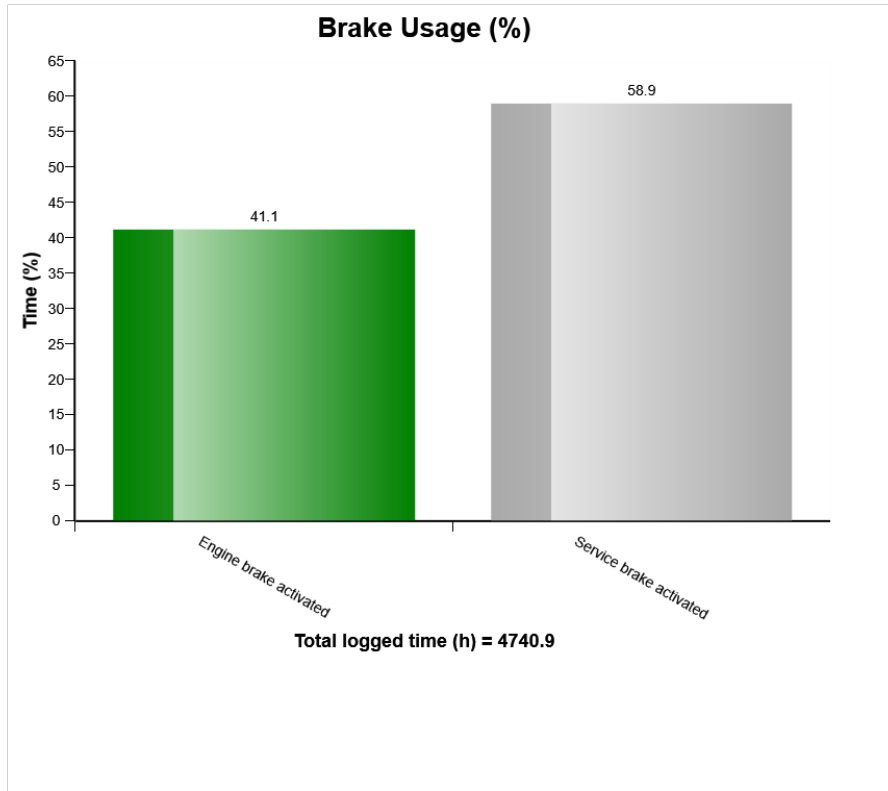
Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

Low Brake Servo Pressure
Total number of occurrences = 4

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (psi)
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
A	2999	2018	4	5	6	42	1	2114
B	3558	2018	7	3	5	56	3	1797
C	4566	2018	11	23	16	12	1	2027
D	4739	2019	1	9	9	38	1	1977

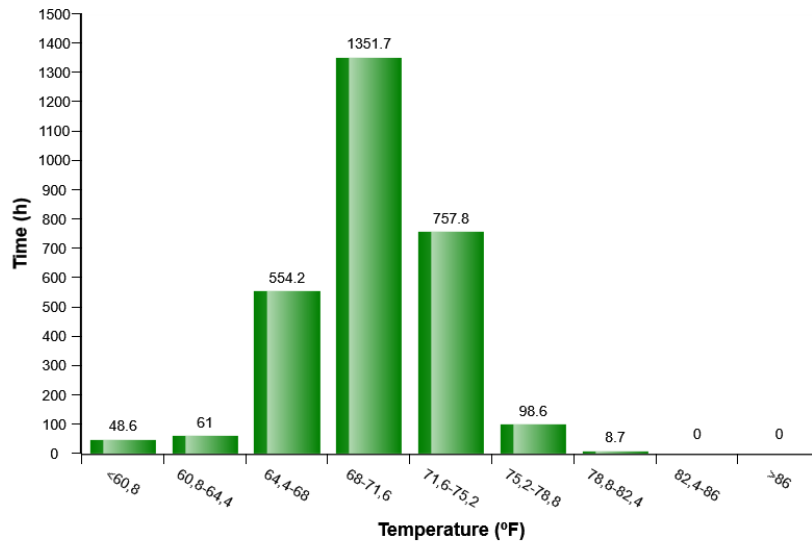


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

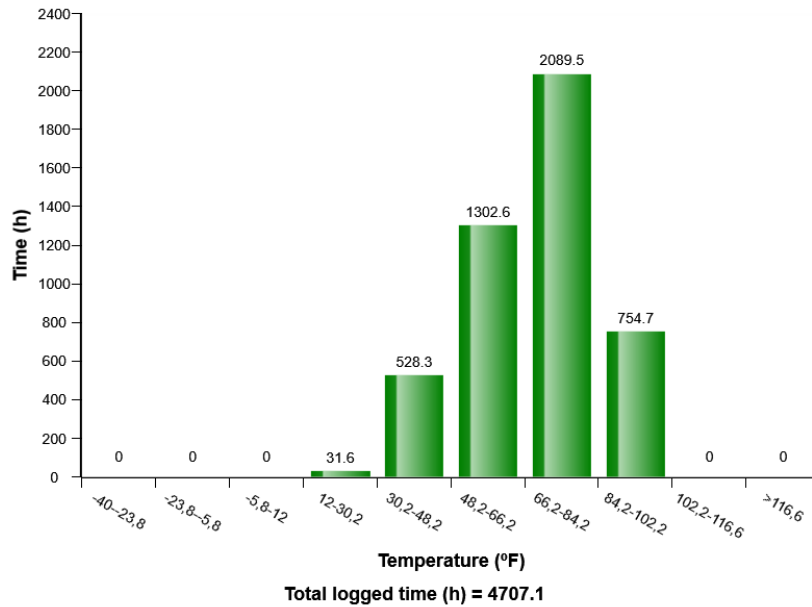


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

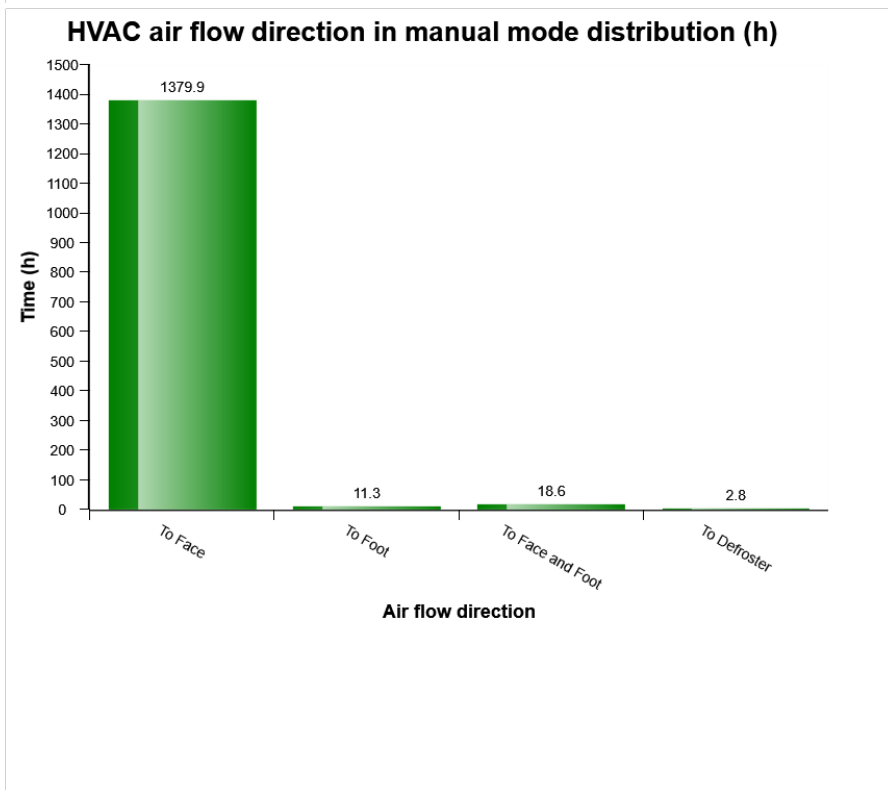
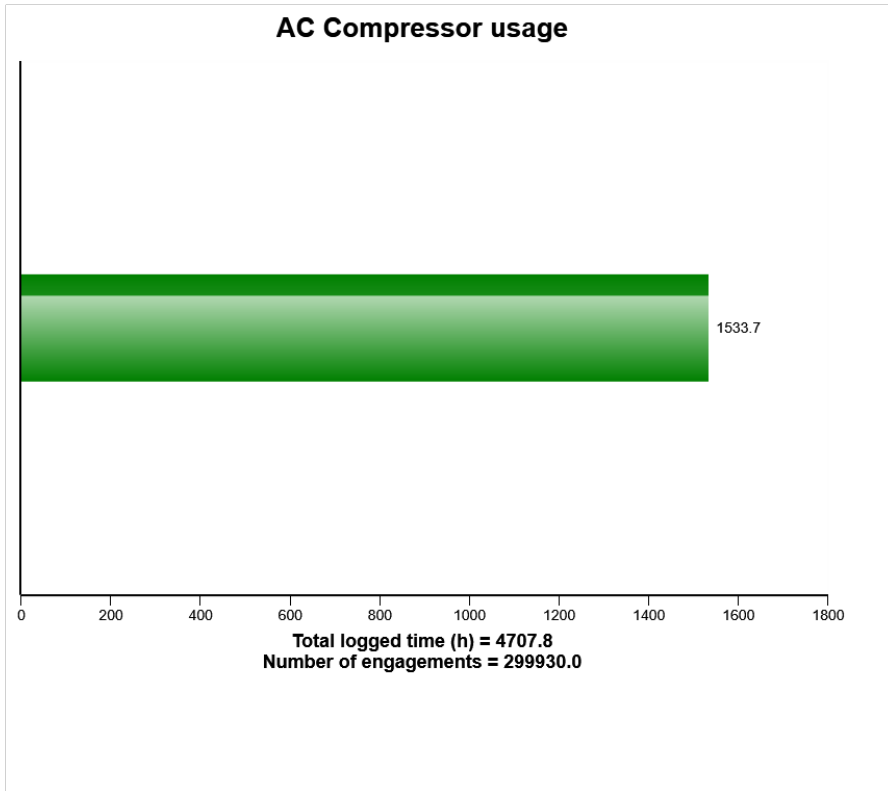
HVAC air temperature setting in auto control mode distribution (h)



Machine ambient temperature distribution (h)

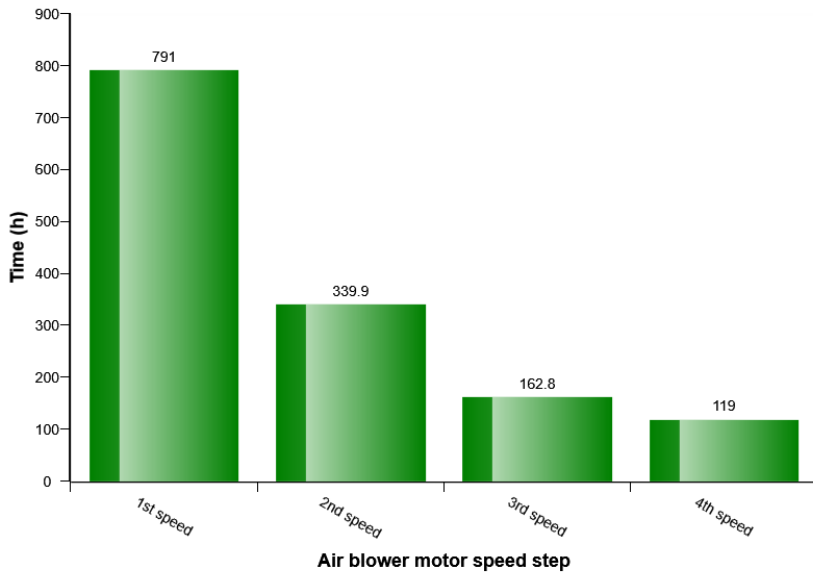


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

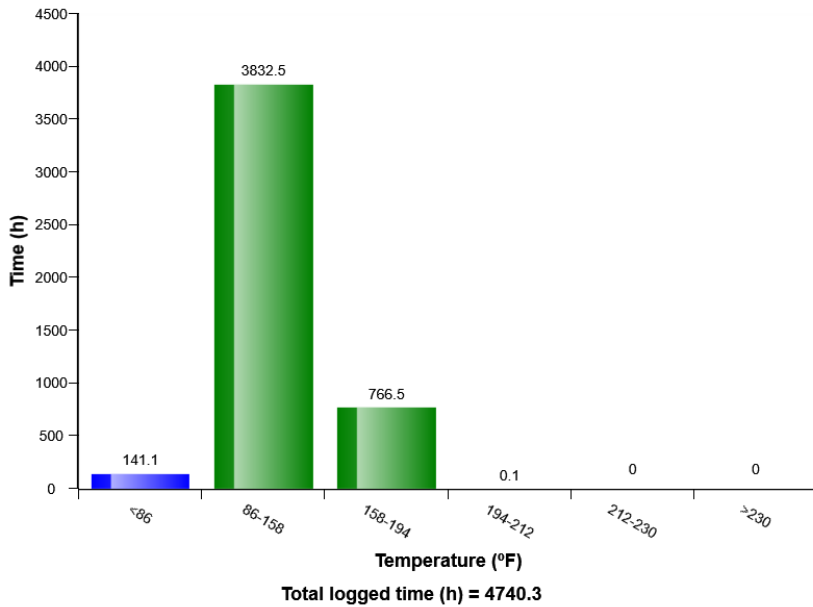


Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

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



Hydraulic oil, temperature distribution (h)



Machine model	SerialNo	Operating Hours	Reading Date
A40G	341288	4740.8	1/29/2019

