

VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model A40G	SerialNo 342123	Operating Hours 6529	Reading Date 14/08/2019
Company name Ascendum	Dealer	Report Issuer	
Contact name	Technician James Wilcox	Primary Application Sand, gravel and pebble	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation

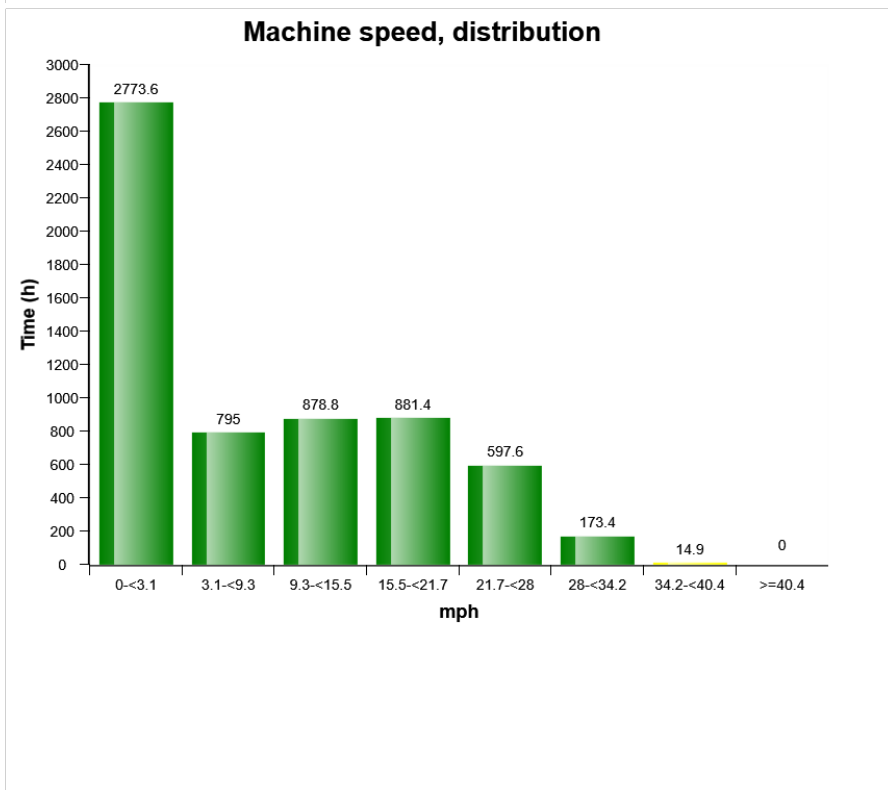
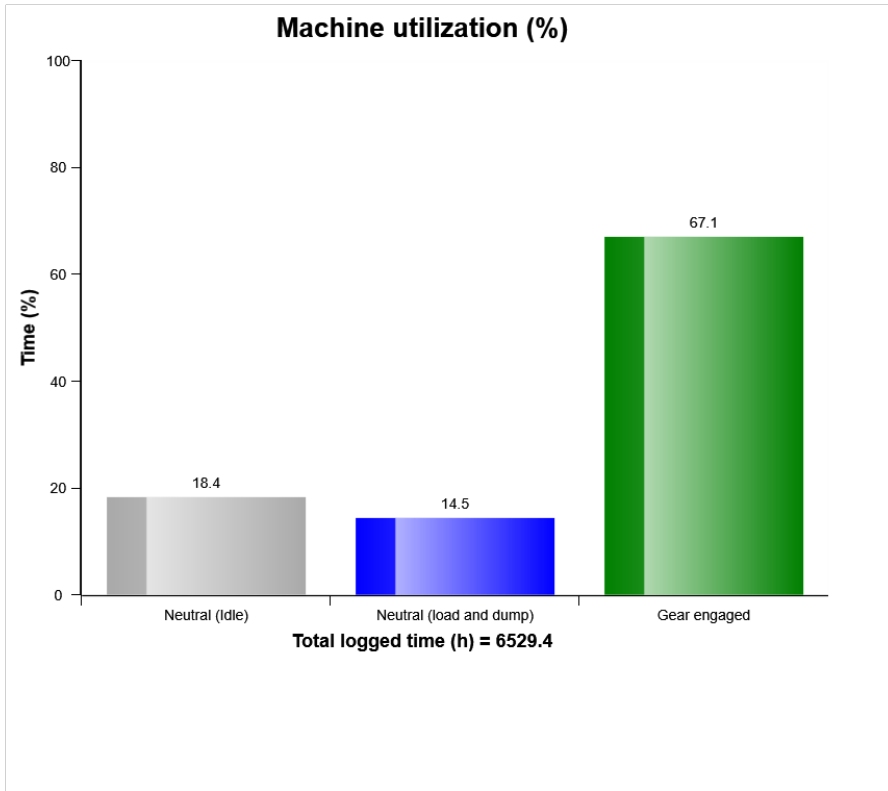


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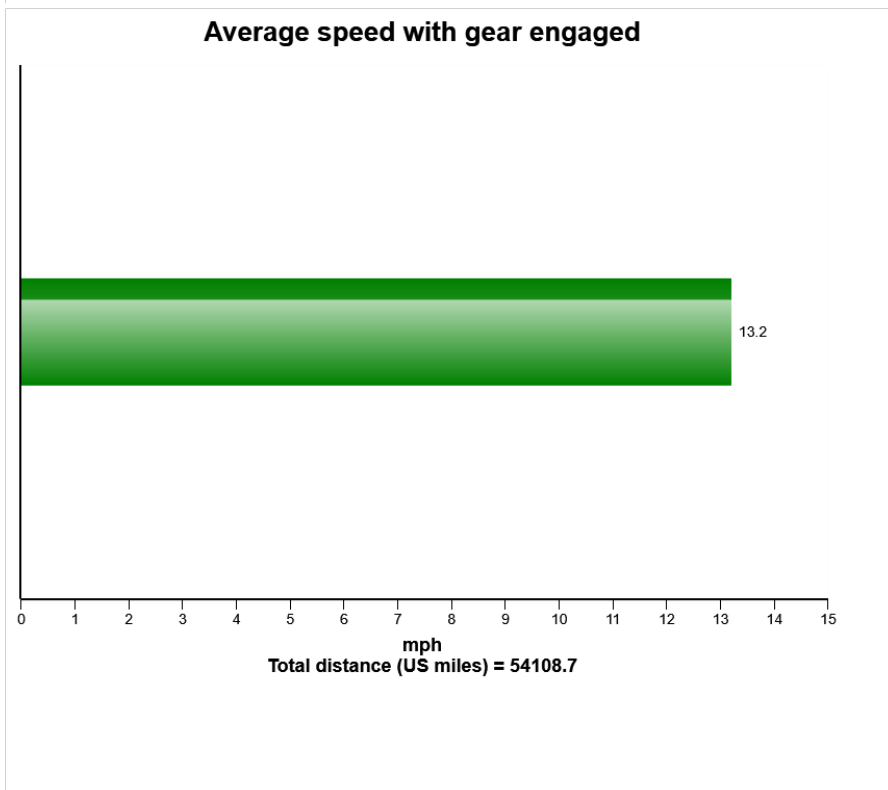
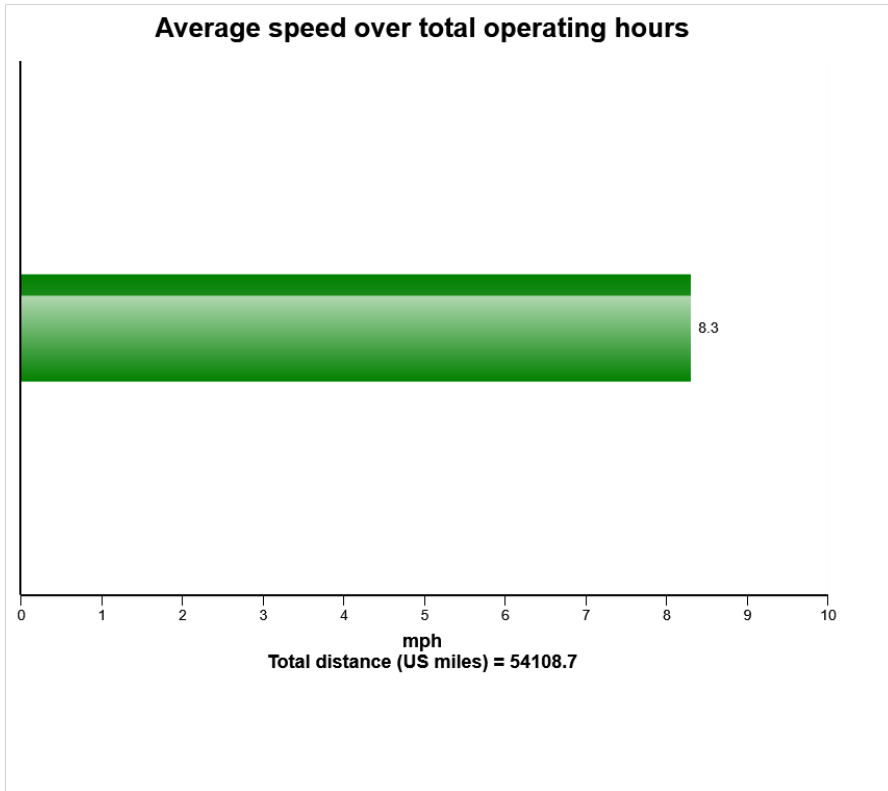
Main equipment	Type	Equipment
	Tyre size/class	Sold without tyres
	Body extensions	Not mounted
	Tail-gate	Not mounted
	Extra spillguard	Not mounted
	Wear plates	Not mounted
	Pattern	None



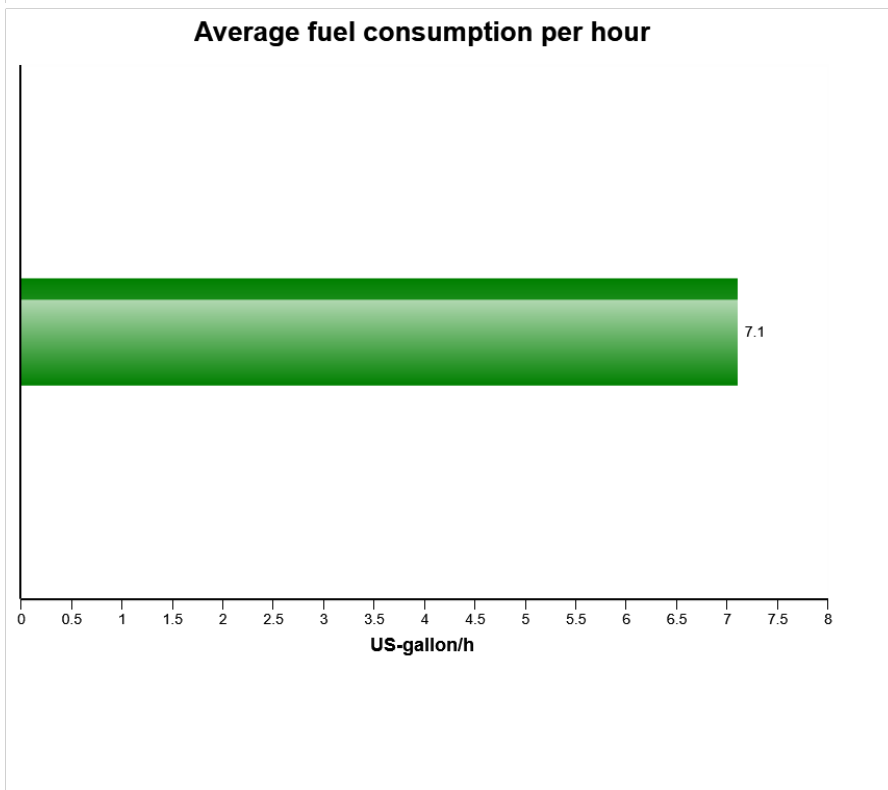
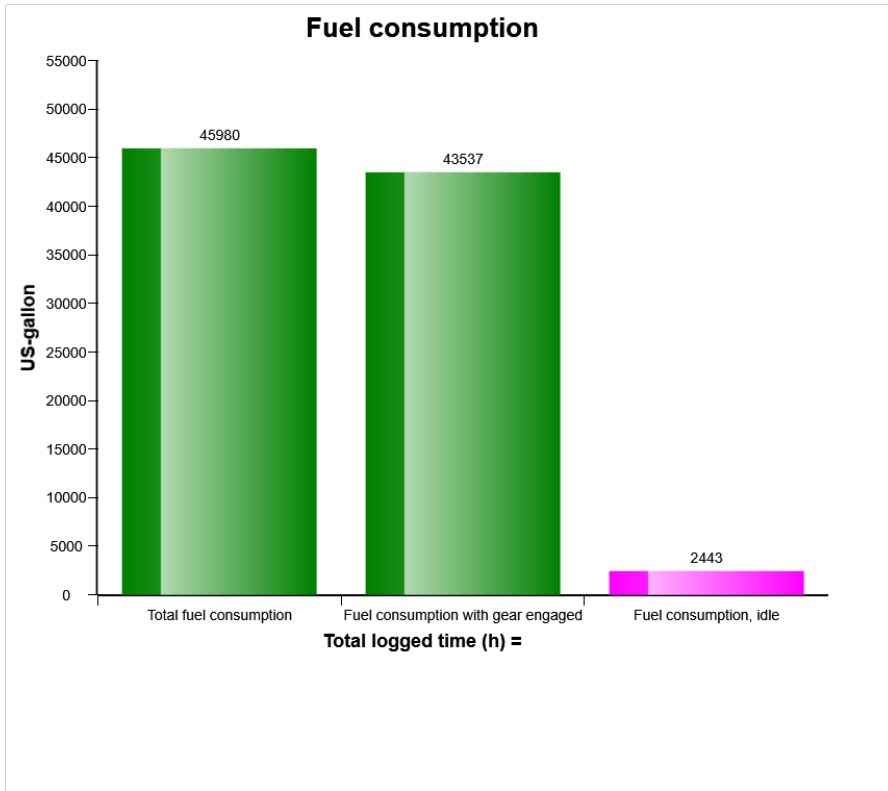
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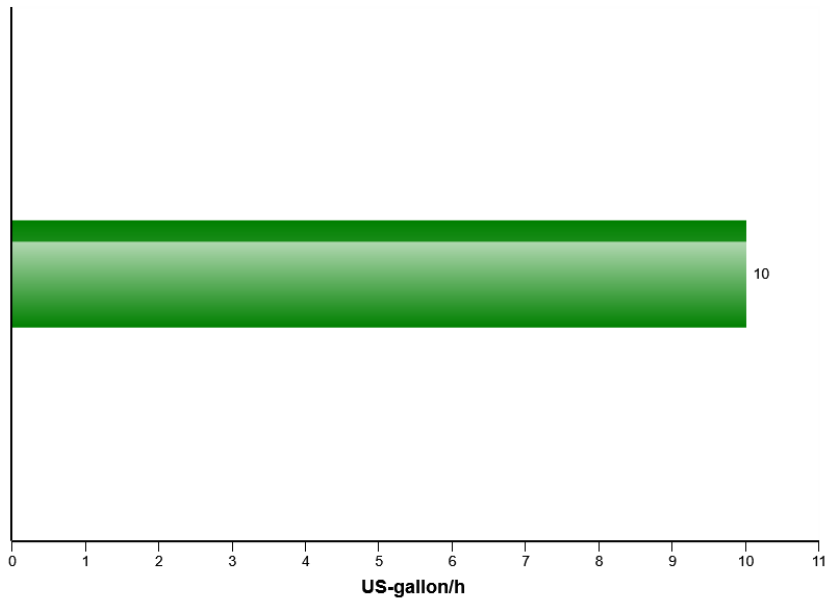


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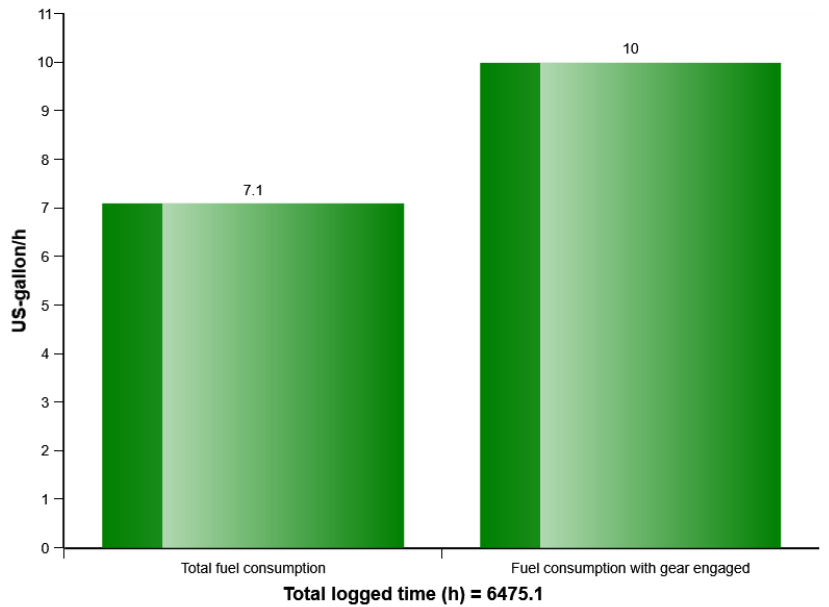


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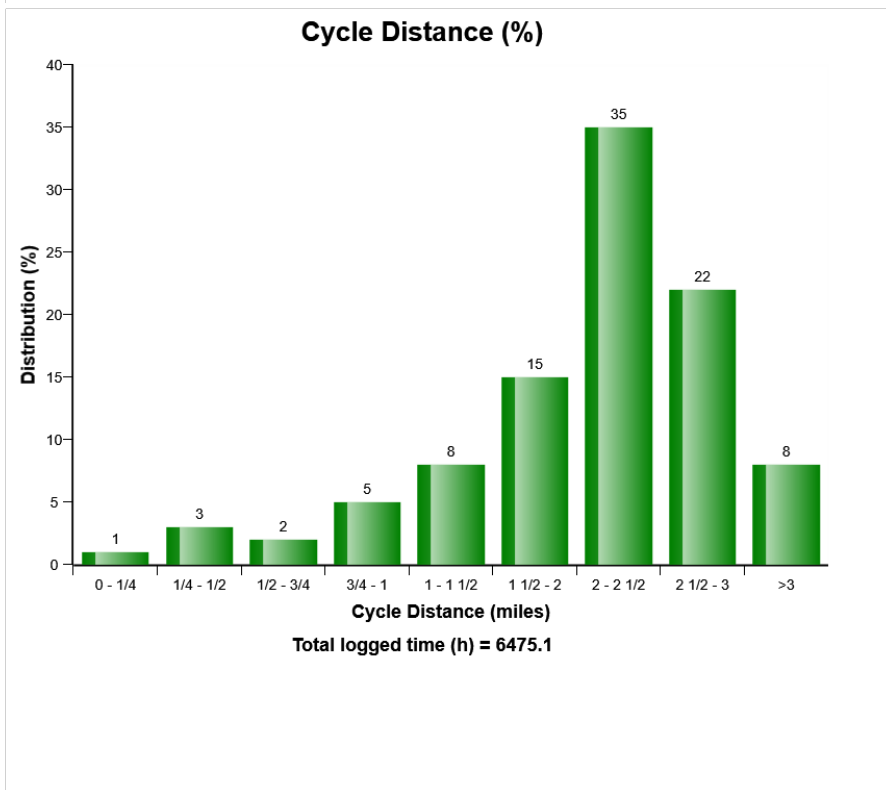
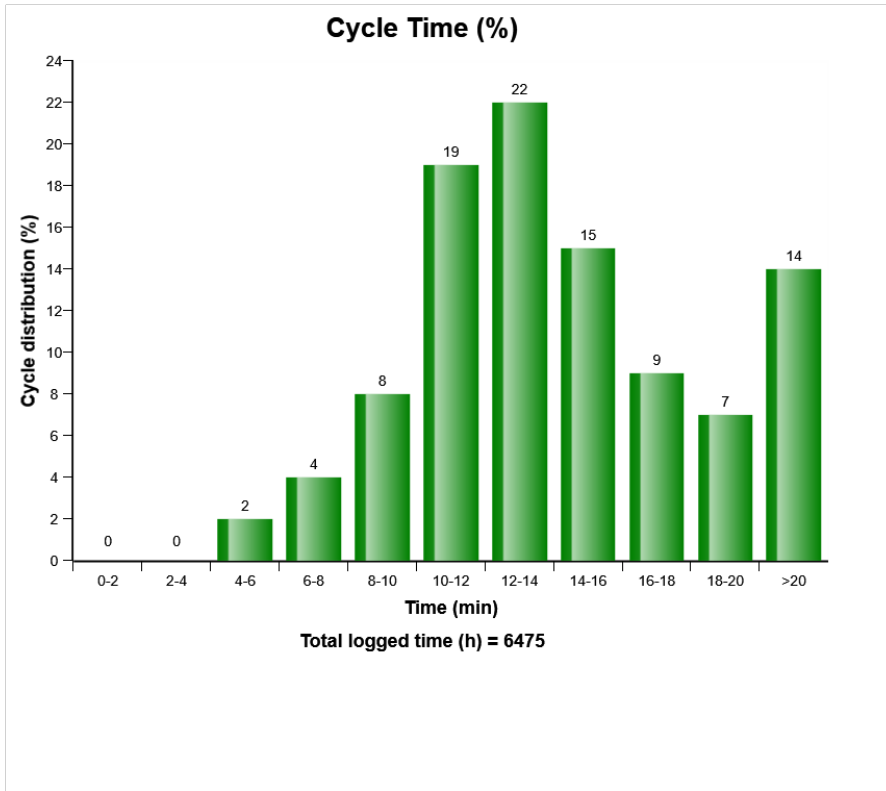
Average fuel consumption per hour with gear engaged



Average fuel consumption



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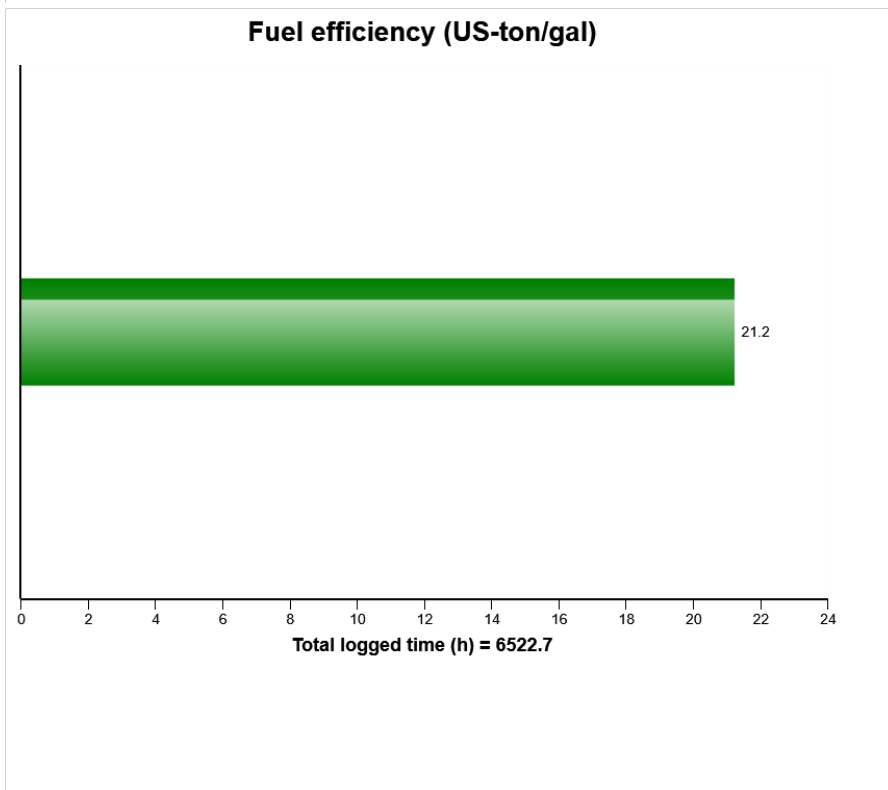
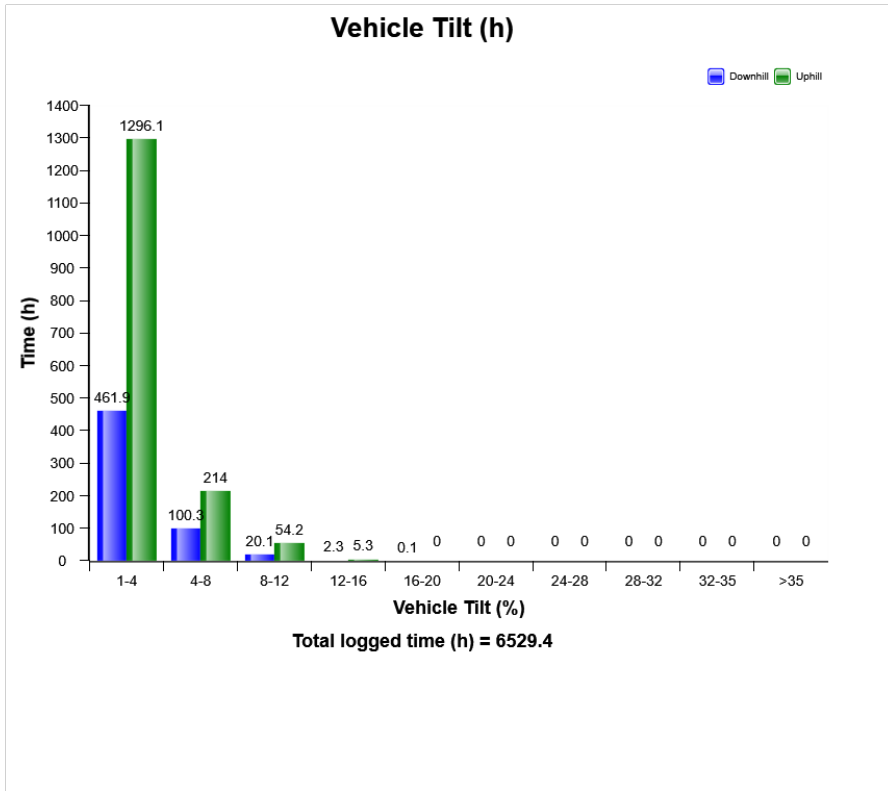
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Accumulated performance
Total logged time (h) =

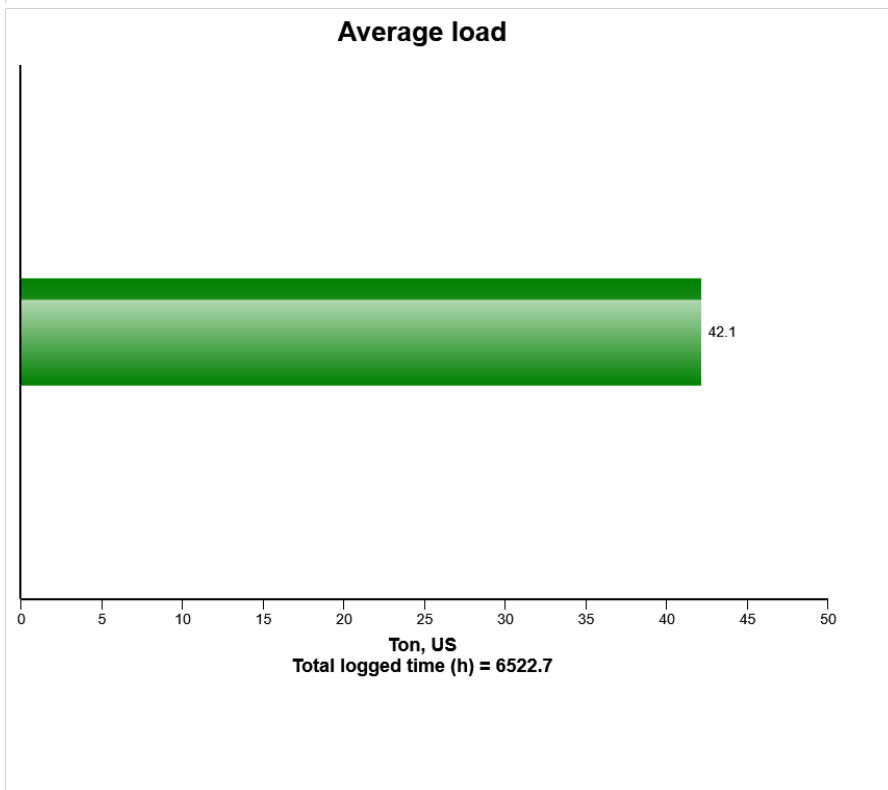
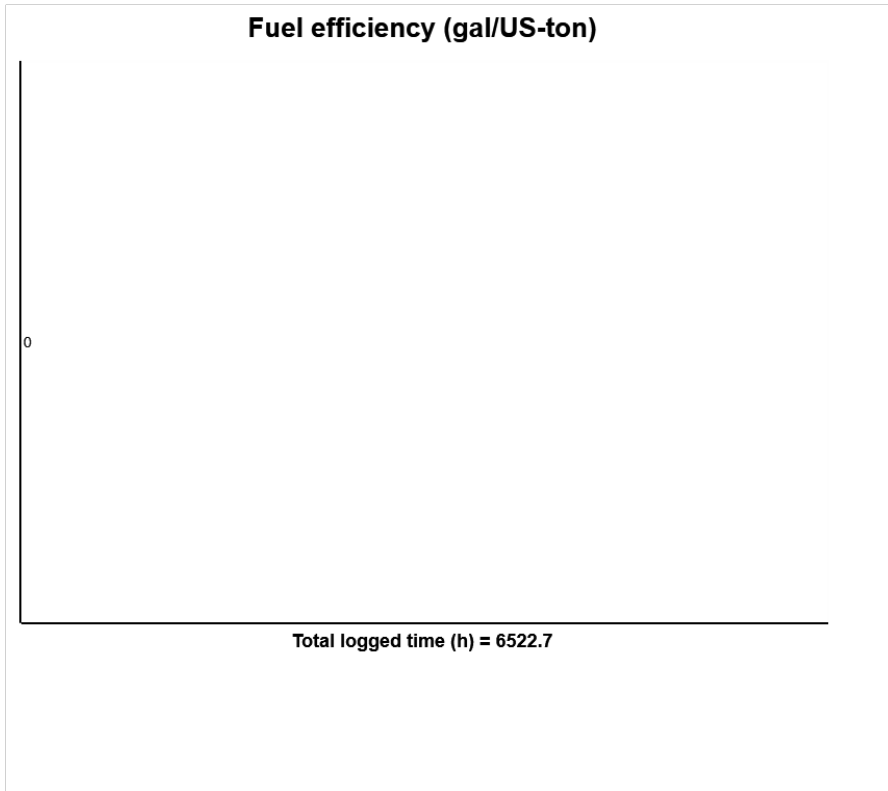
Total logged time (h) =	6522.7
Fuel consumption (US-gallons)	45993
Production (ton,US)	973485
Ton/h	149.2
Ton/gal	21.2
Fuel efficiency (US Gal/ton)	0.05
Number of cycles	23100
Cycles overloaded (%)	14
Load utilisation / cycle (%)	98



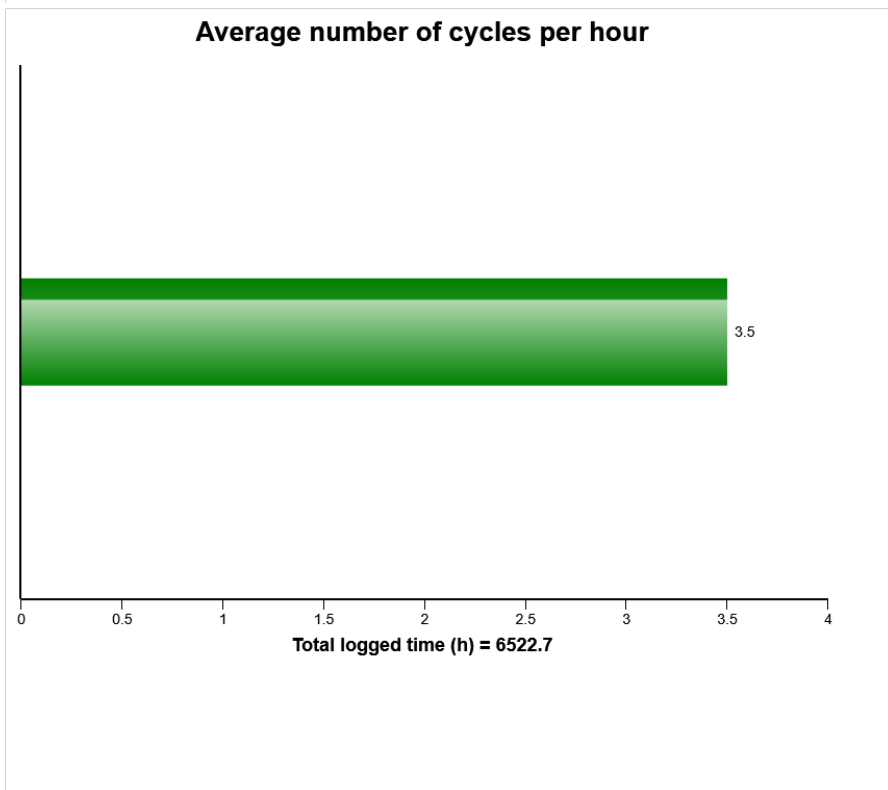
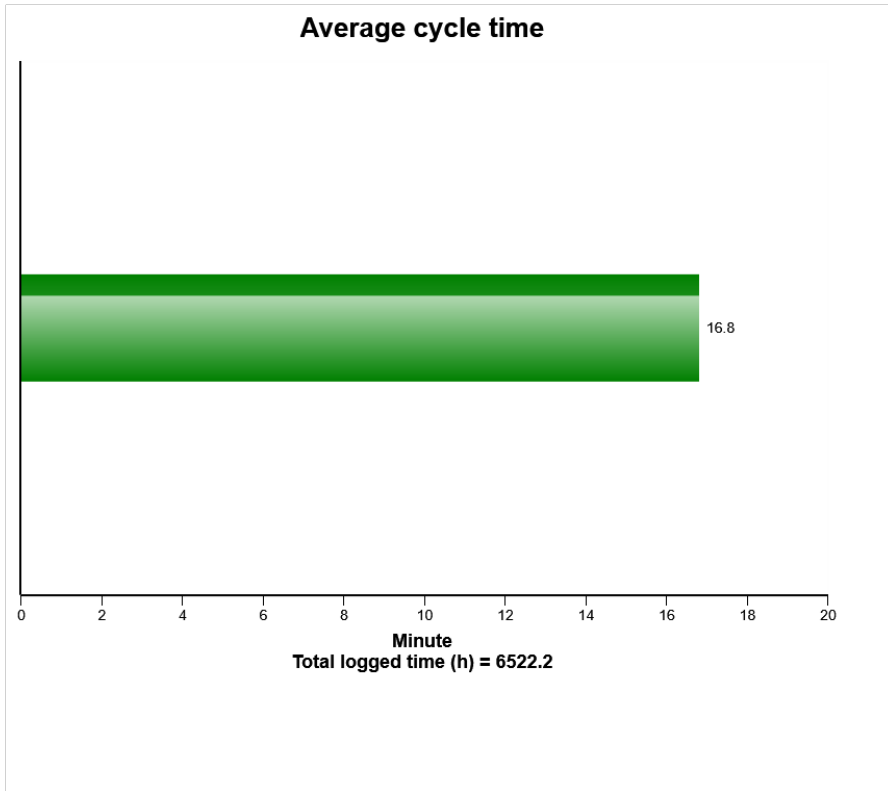
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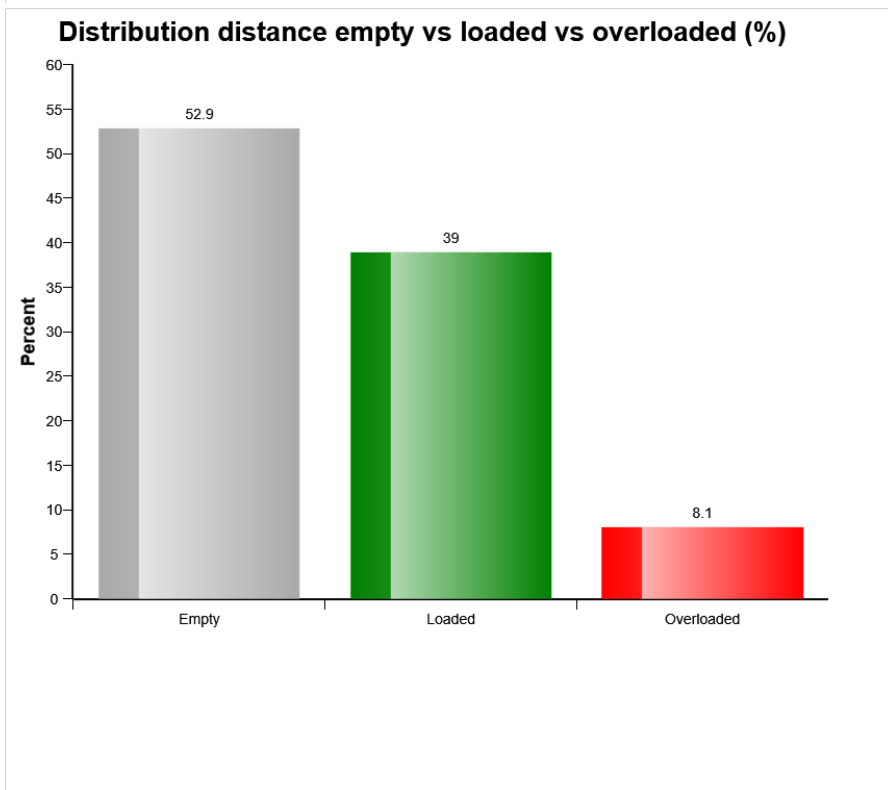
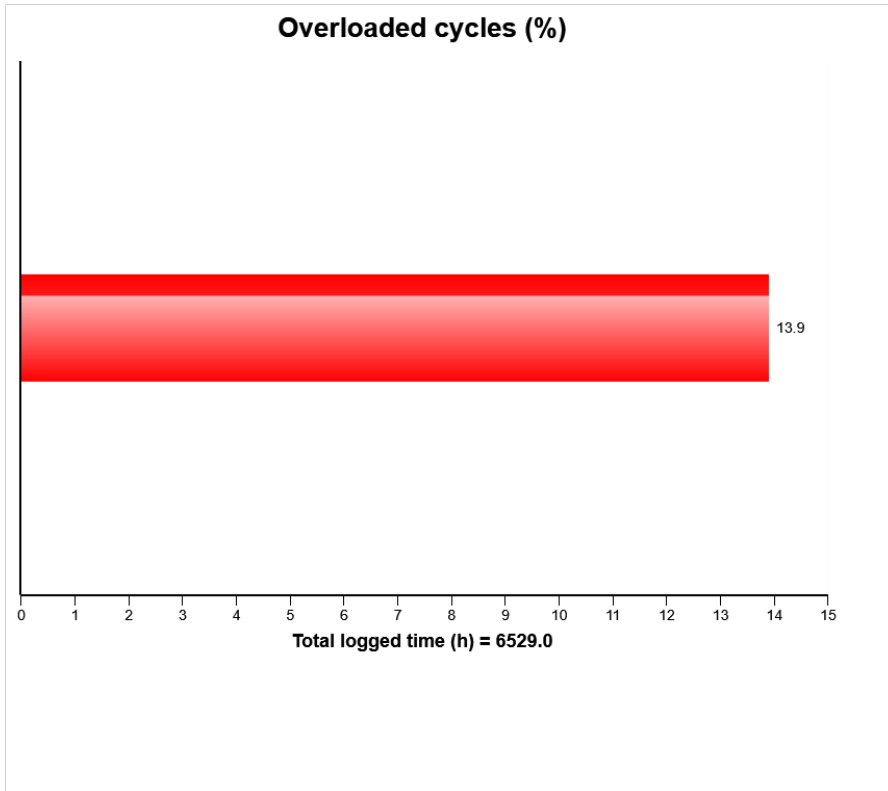
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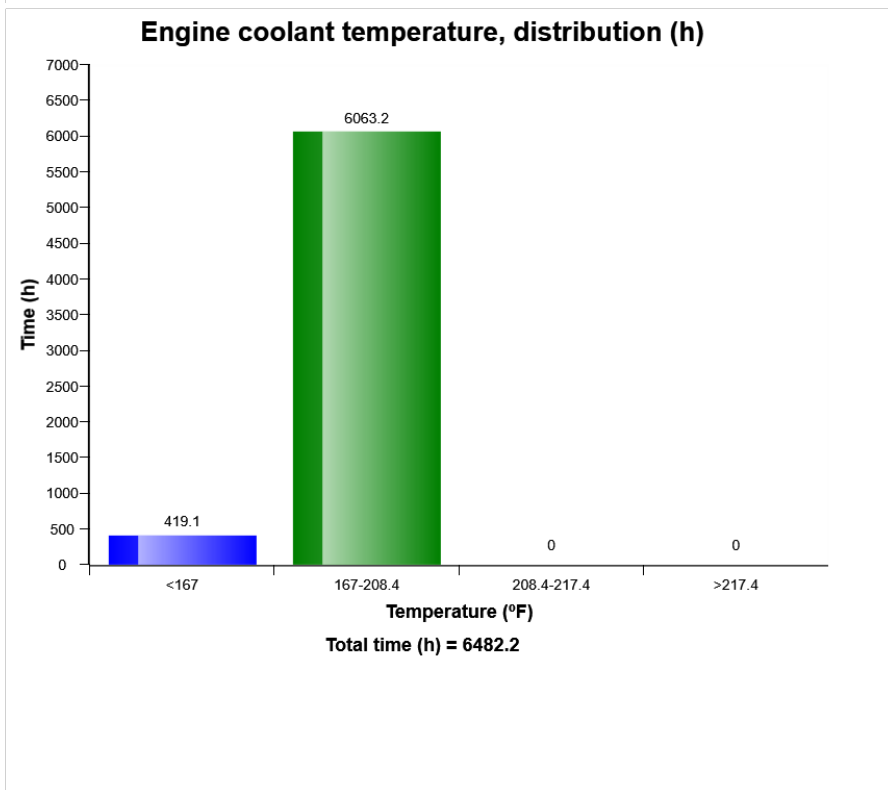
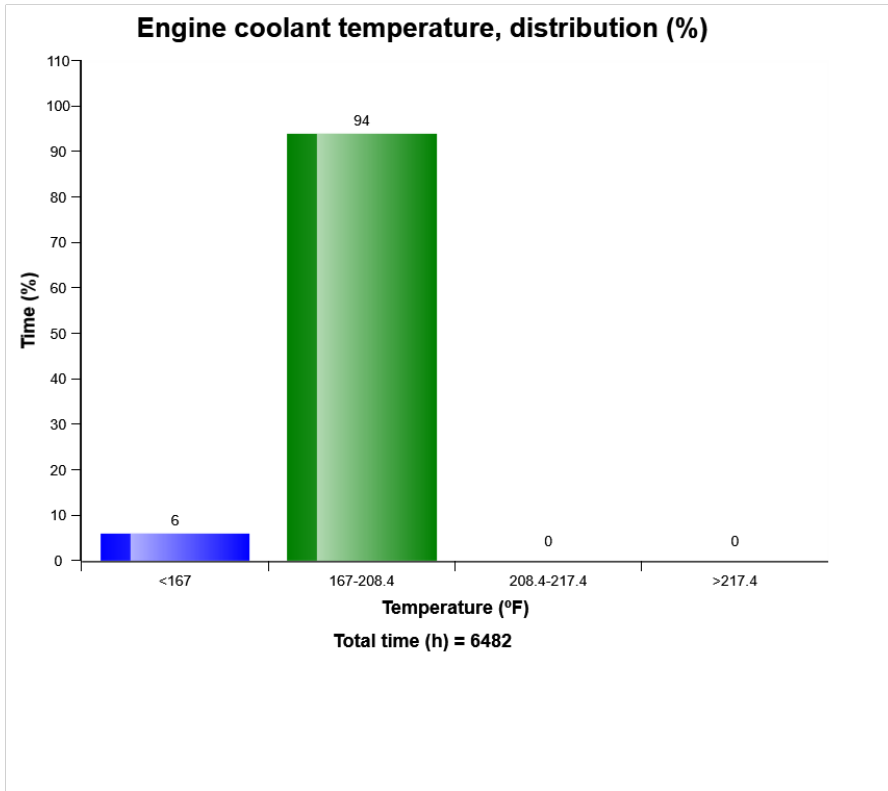
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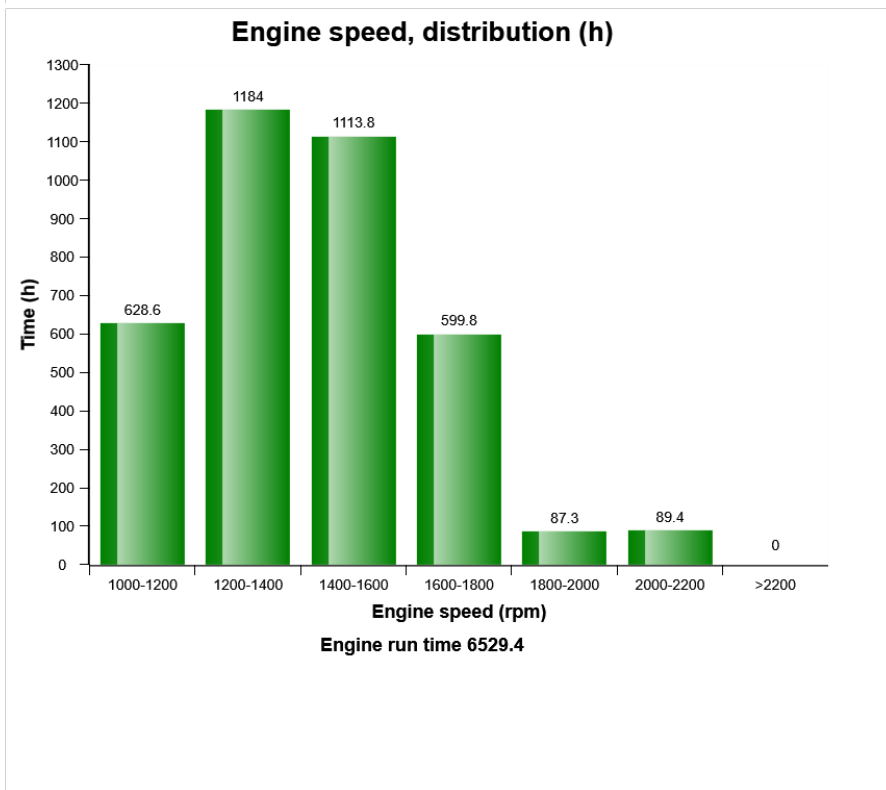
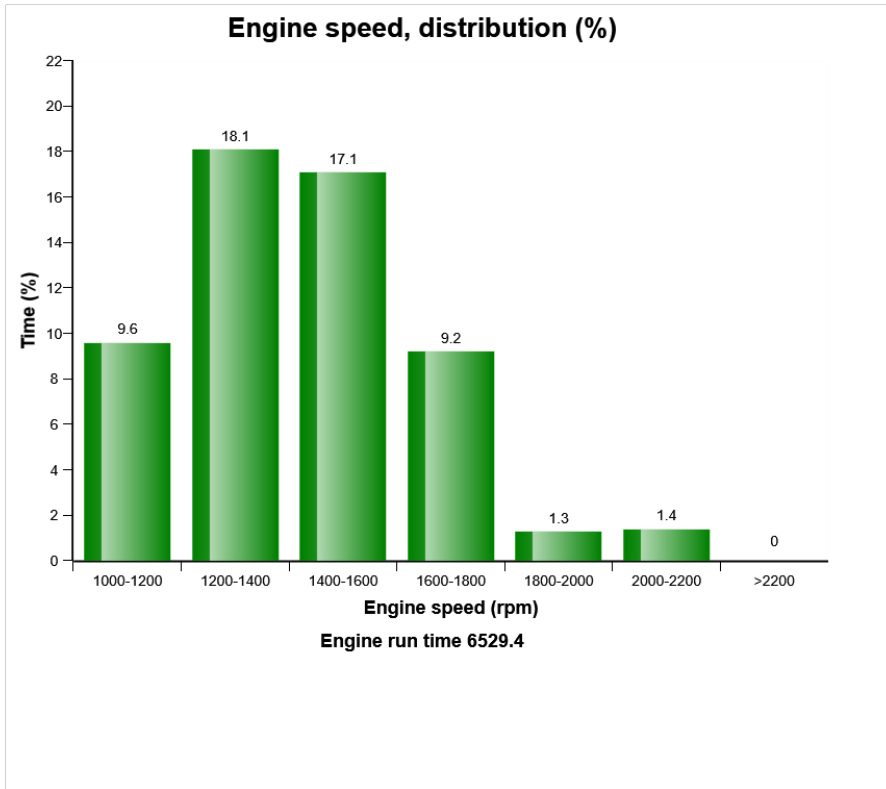
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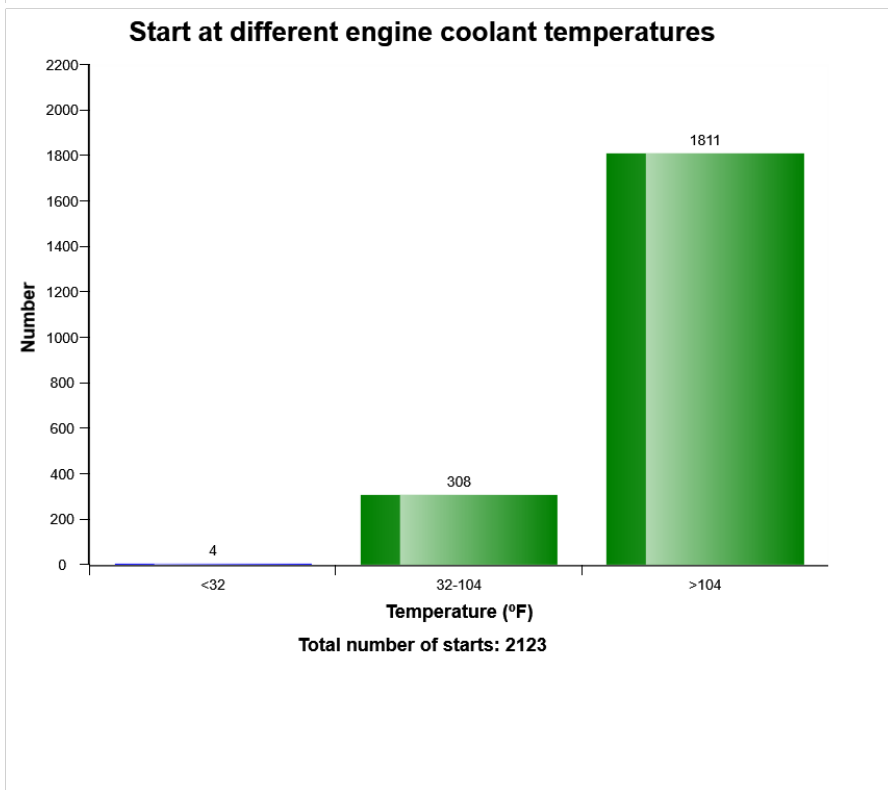
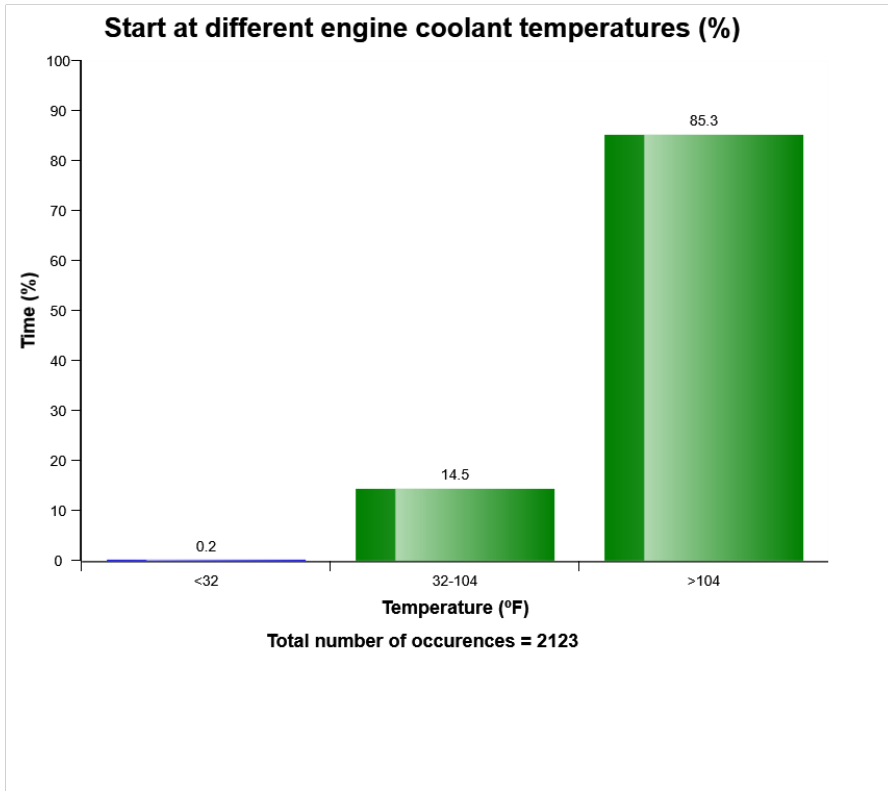
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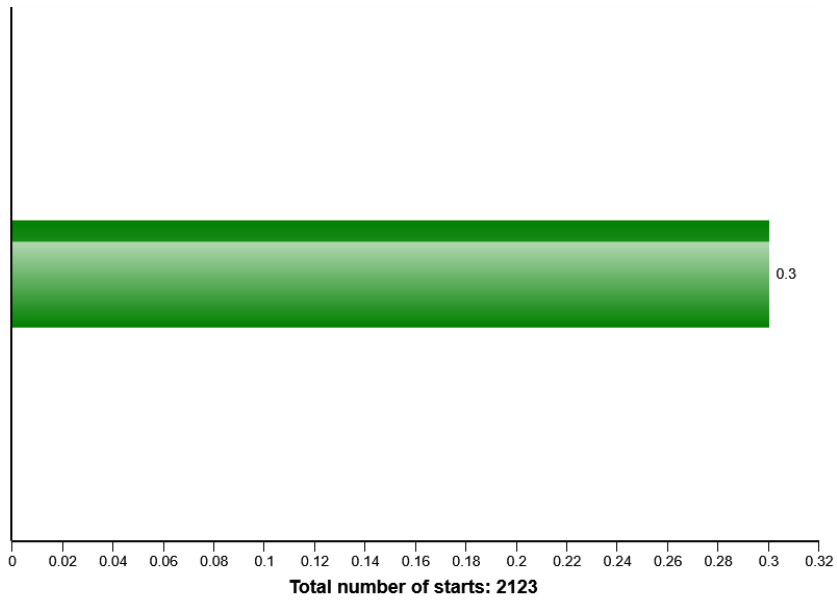
**High engine coolant temperature
Total number of occurrences = 0**

	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

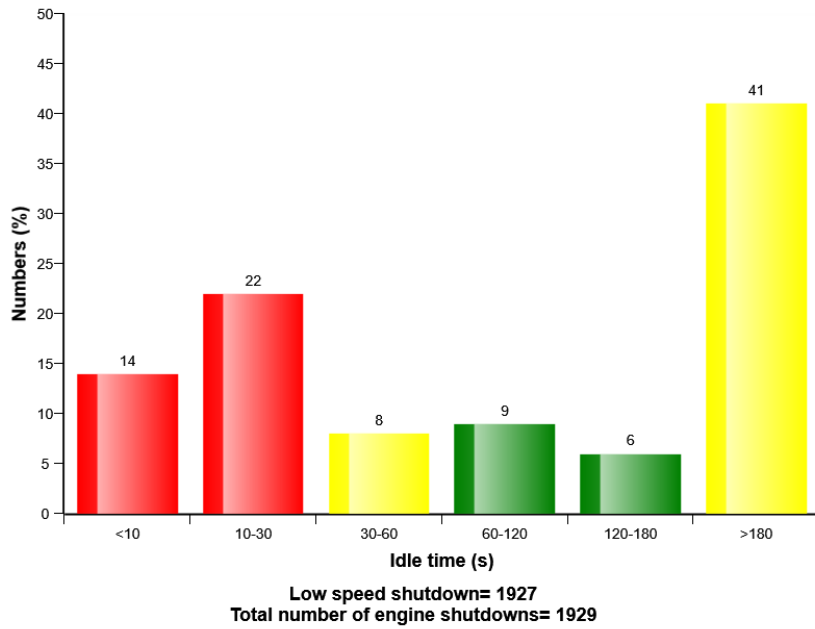


Machine model	SerialNo	Operating Hours	Reading Date
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Average number of starts per hour



Idle time before shut down (%)



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 (° 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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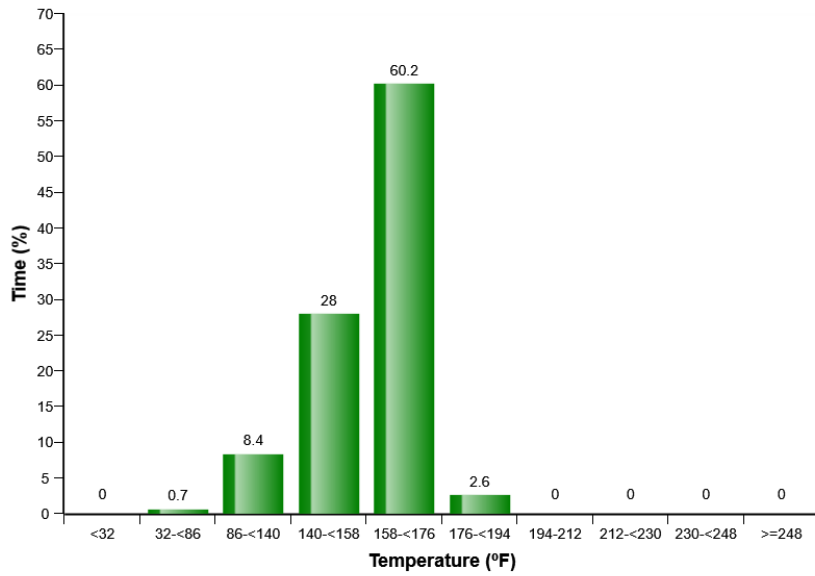
Regeneration duration
Total number of occurrences = 61

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
2902	2018	1	22	11	40	59
2904	2018	1	22	13	42	45
2906	2018	1	22	16	25	56
2910	2018	1	22	20	37	59
3008	2018	2	1	14	0	41
3510	2018	3	3	12	47	39
4010	2018	4	4	18	43	38
4512	2018	5	16	11	3	40
5012	2018	6	20	13	39	40
5515	2018	7	23	0	12	2
5518	2018	7	23	6	1	2
5527	2018	7	23	16	23	2
5535	2018	7	24	0	14	2
5538	2018	7	26	16	28	2
5548	2018	7	27	6	30	2
5554	2018	7	27	16	36	2
5564	2018	7	28	8	5	53
6020	2018	11	14	11	44	49
6020	2018	11	13	11	11	1
6256	2019	6	21	0	58	13

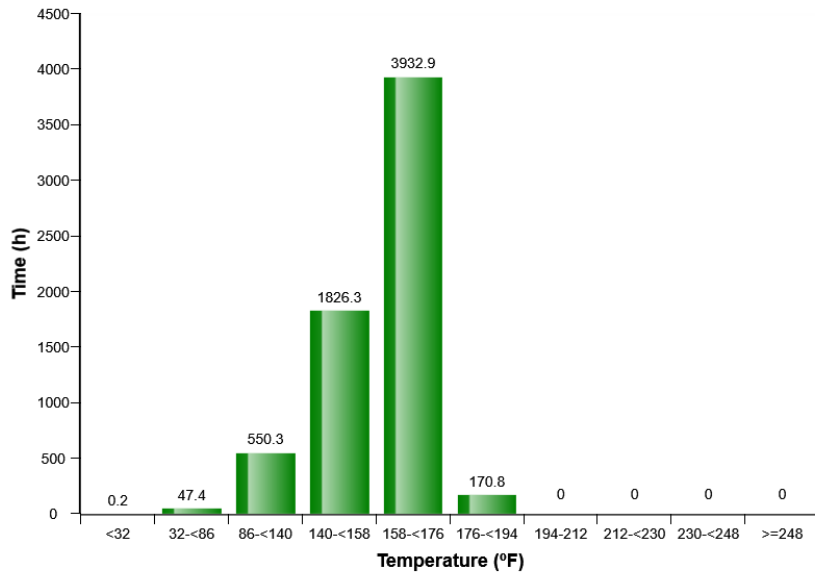


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Transmission oil, temperature distribution (%)

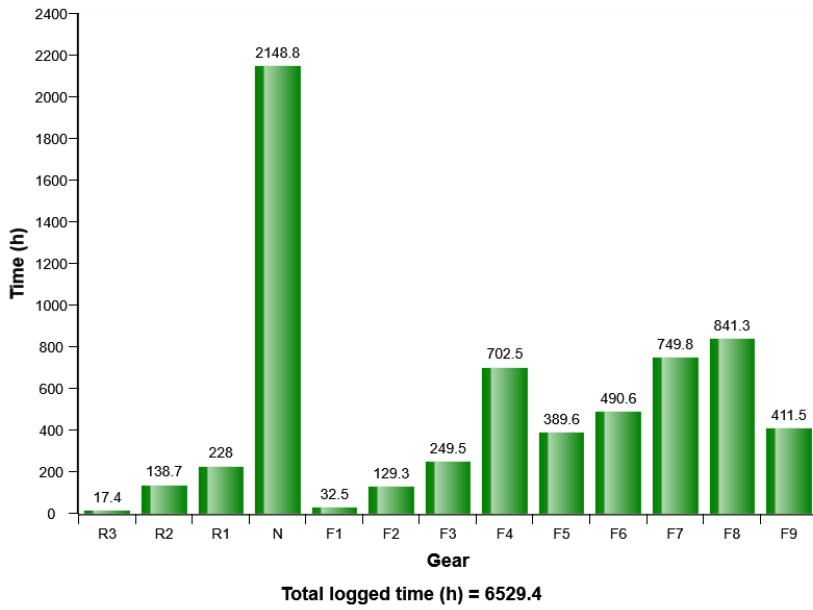


Transmission oil, temperature distribution (h)

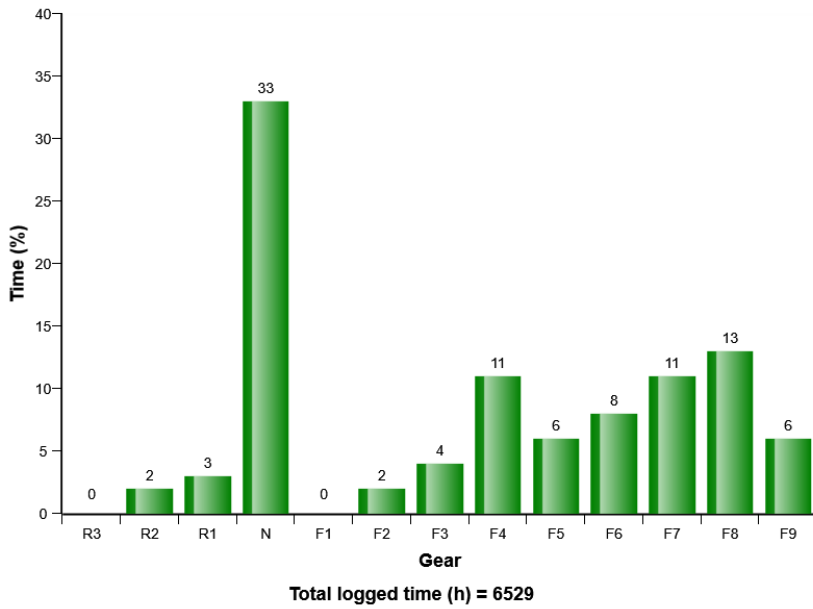


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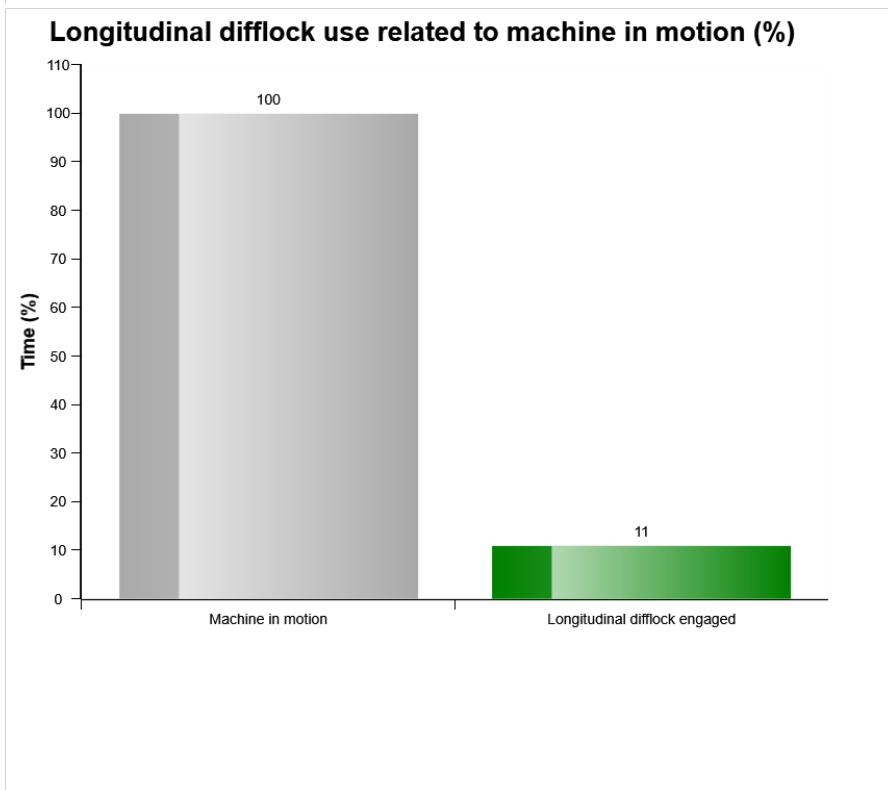
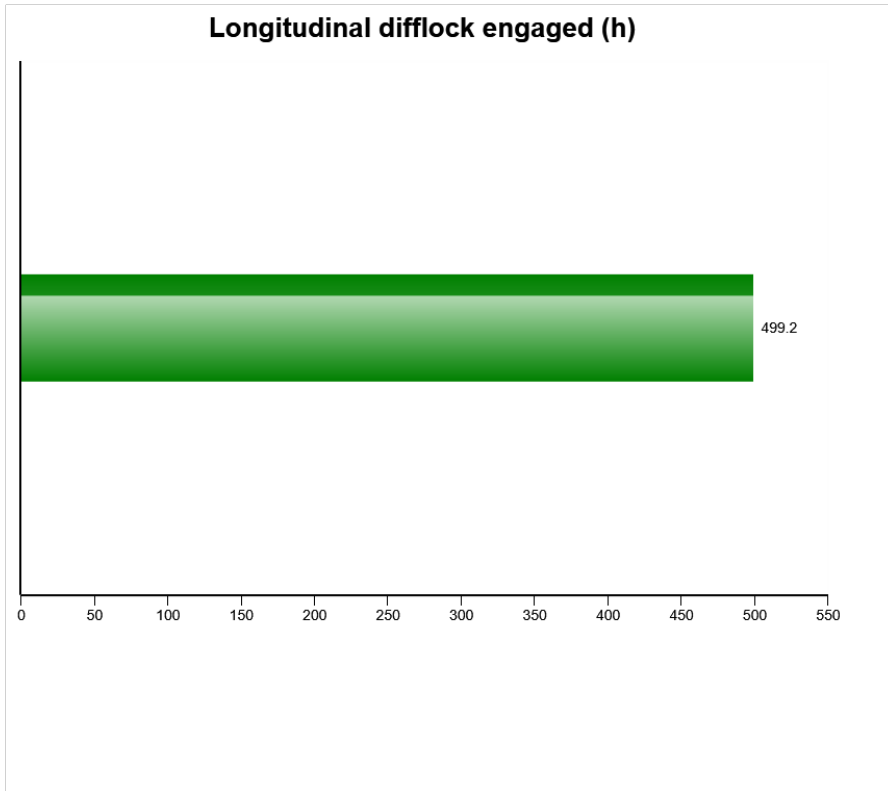
Gears, time distribution (h)



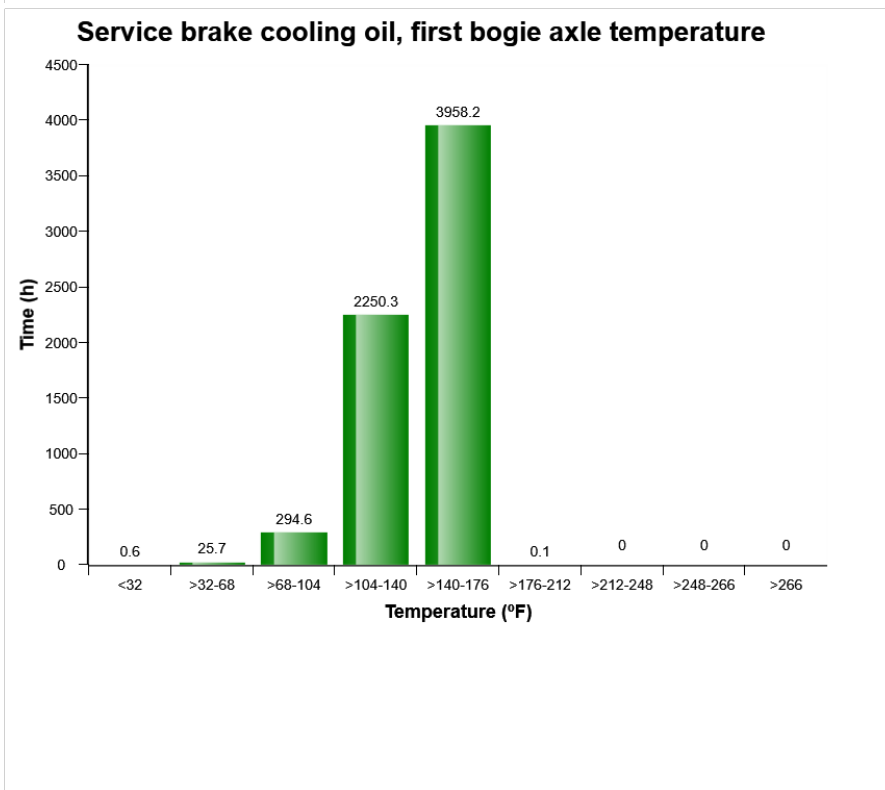
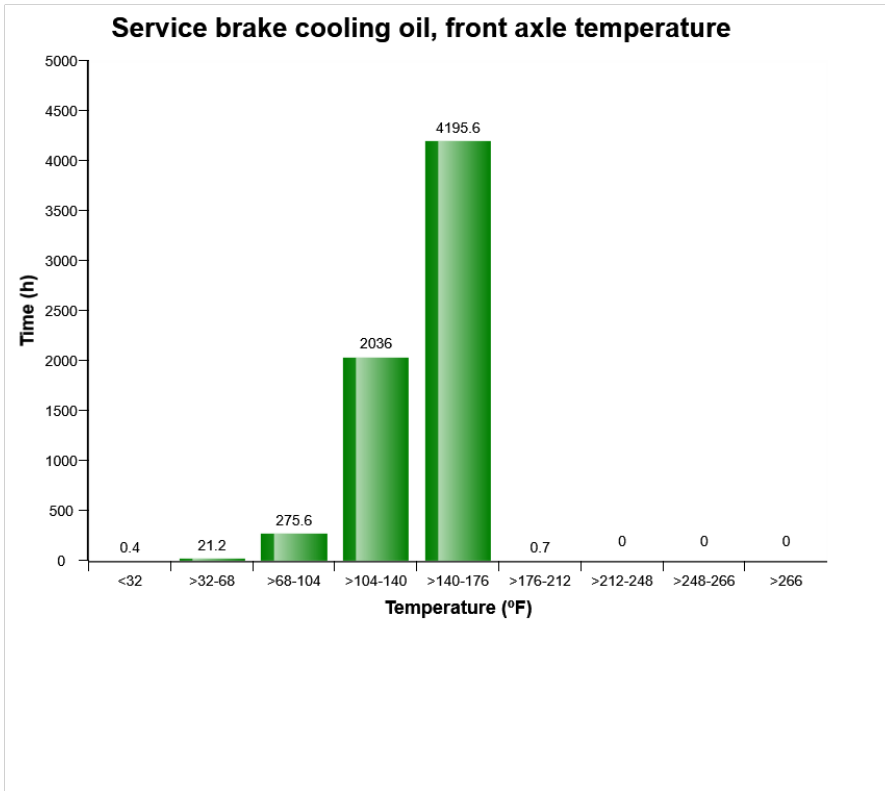
Gears, time distribution (%)



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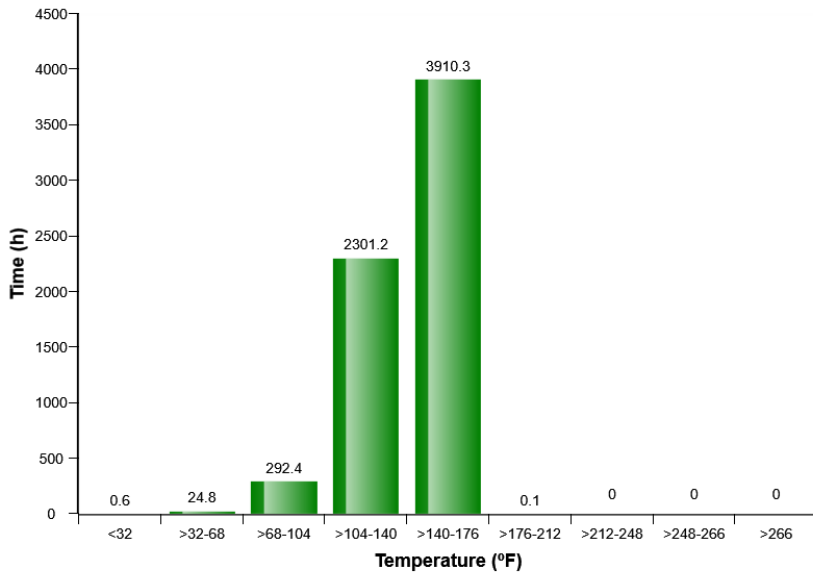


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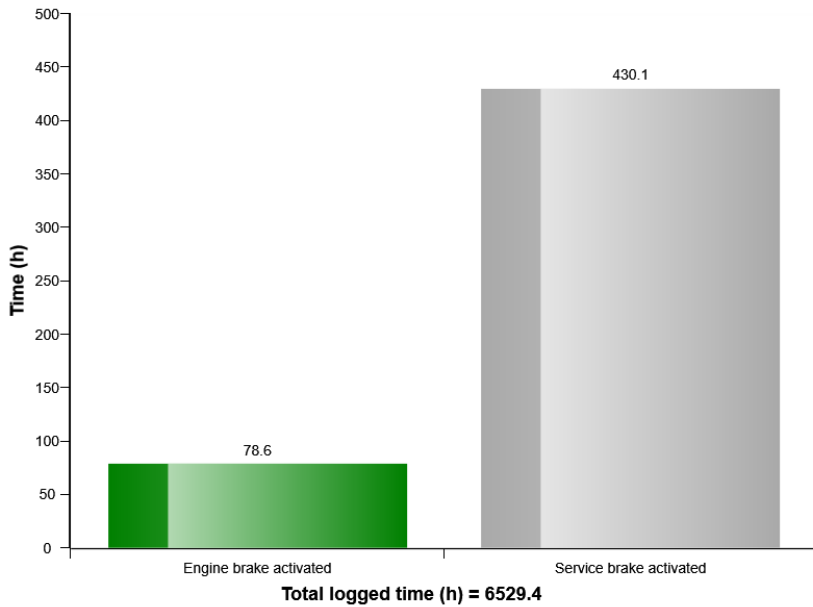


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Service brake cooling oil, second bogie axle temperature



Brake Usage (h)



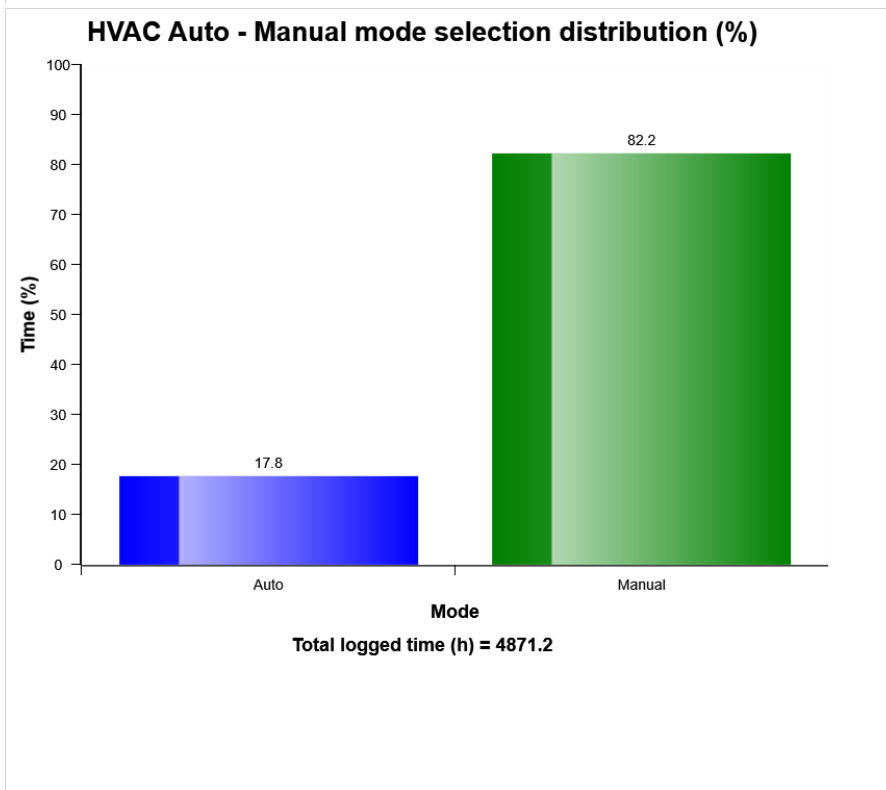
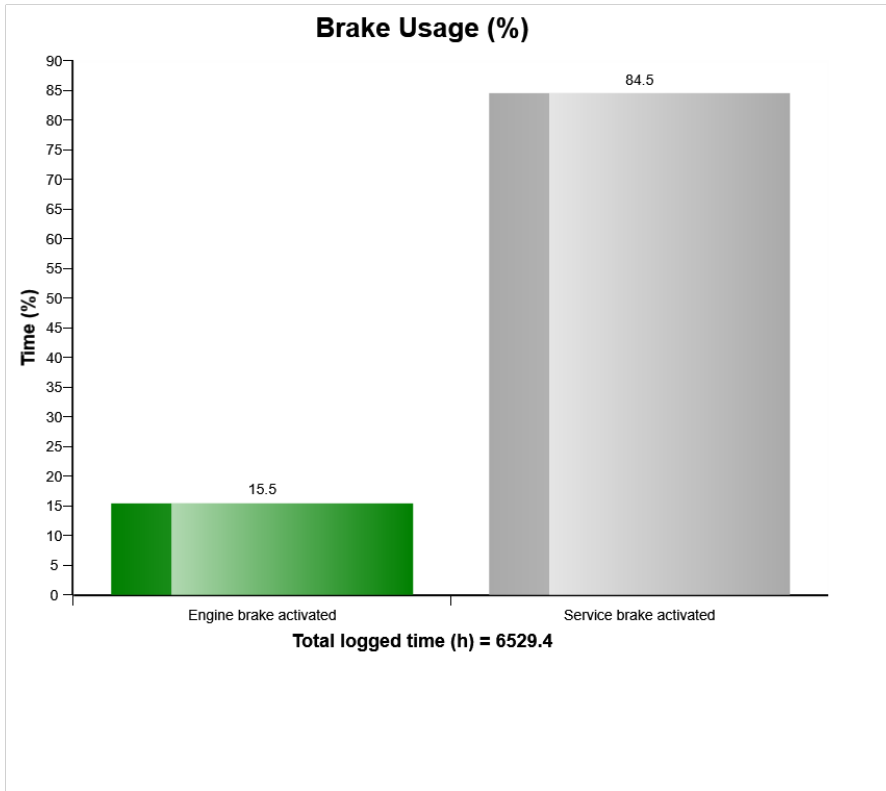
Machine model	SerialNo	Operating Hours	Reading Date
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Low Brake Servo Pressure
Total number of occurrences = 3

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (psi)
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
A	1	2017	7	17	12	27	9	1890
B	4841	2018	6	4	21	15	0	1661
C	6233	2019	5	5	10	58	0	1543

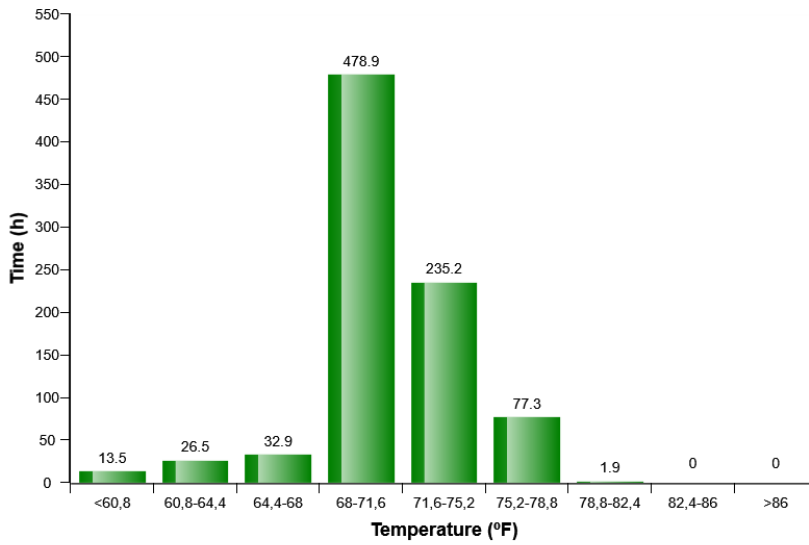


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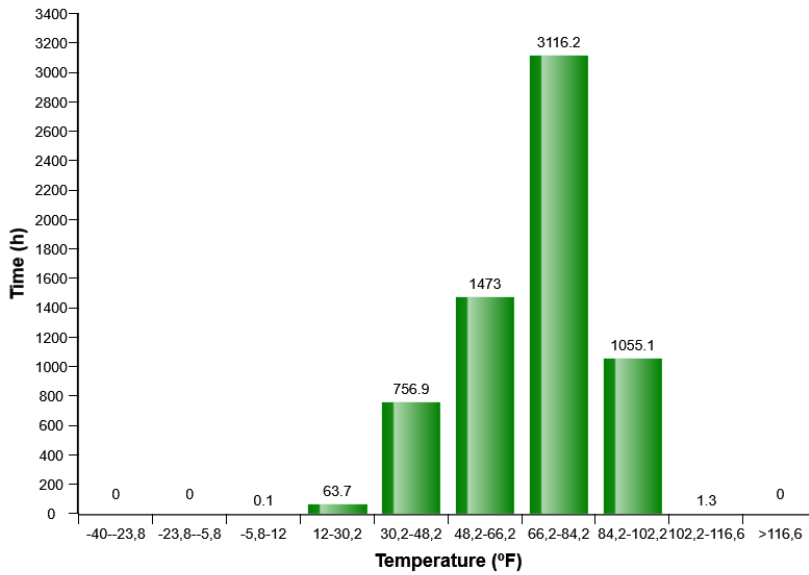


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HVAC air temperature setting in auto control mode distribution (h)



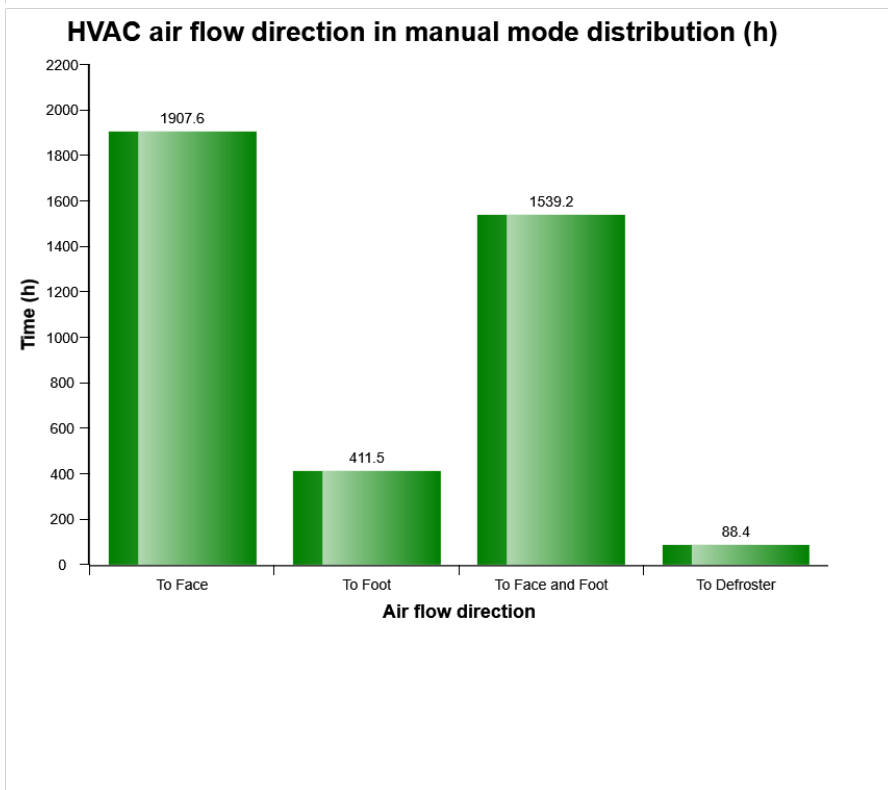
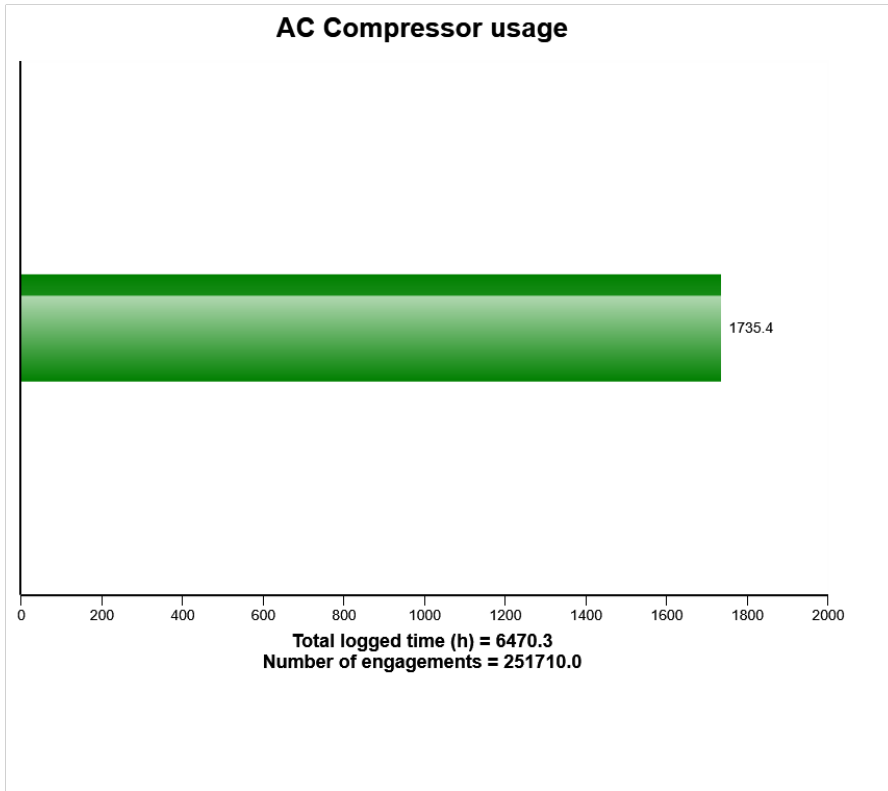
Machine ambient temperature distribution (h)



Total logged time (h) = 6468.4



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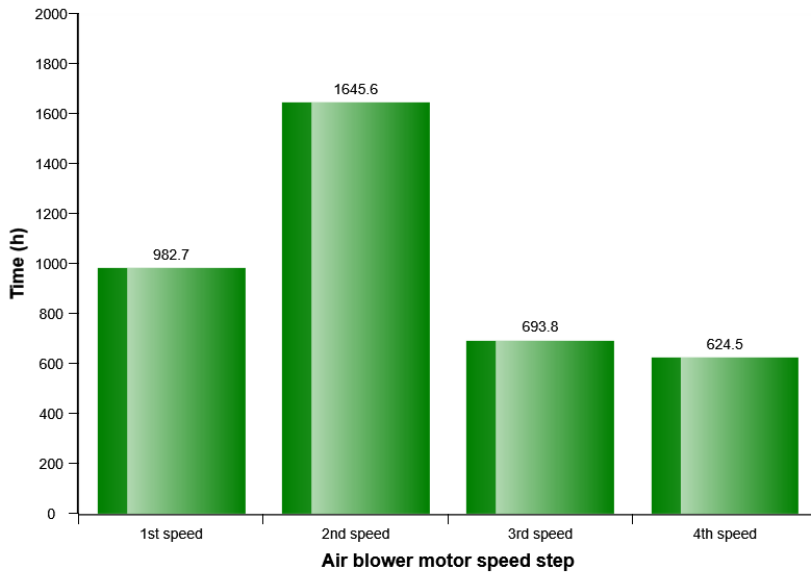
AC High Pressure
Total number of occurrences = 226

Op hours	Year	Month	Day	Hours	Minute	Duration (sec)	Extreme (° F)
6427	2019	7	29	16	56	13	95
6438	2019	7	30	16	9	26	95
6438	2019	7	30	16	53	11	91
6439	2019	7	30	17	16	23	91
6439	2019	7	30	17	31	28	90
6440	2019	7	30	18	37	19	90
6440	2019	7	30	18	27	4	90
6448	2019	7	31	13	3	10	91
6448	2019	7	31	12	46	45	91
6449	2019	7	31	14	27	99	95
6449	2019	7	31	14	1	361	95
6450	2019	7	31	14	46	45	95
6450	2019	7	31	15	21	52	95
6450	2019	7	31	15	2	55	95
6496	2019	8	4	14	29	6	95
6496	2019	8	4	14	14	10	95
6496	2019	8	4	13	55	16	95
6497	2019	8	4	14	45	14	95
6498	2019	8	4	16	46	8	91
6510	2019	8	5	11	43	18	90

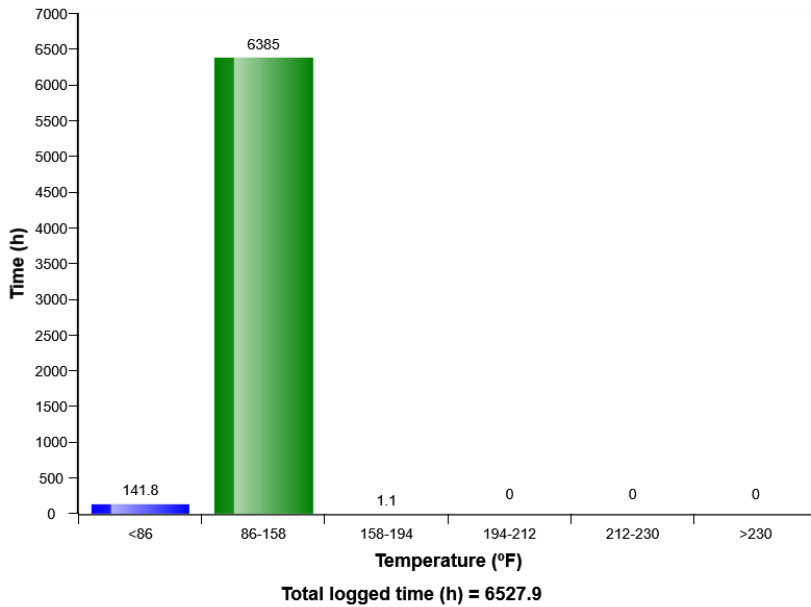


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HVAC air blower motor speed in manual mode distribution (h)



Hydraulic oil, temperature distribution (h)



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