

VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model A40G	SerialNo 340824	Operating Hours 4090.2	Reading Date 02/09/2019
Company name Flagler Ft Myers	Dealer	Report Issuer	
Contact name	Technician rhilton	Primary Application Earth moving construction	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation

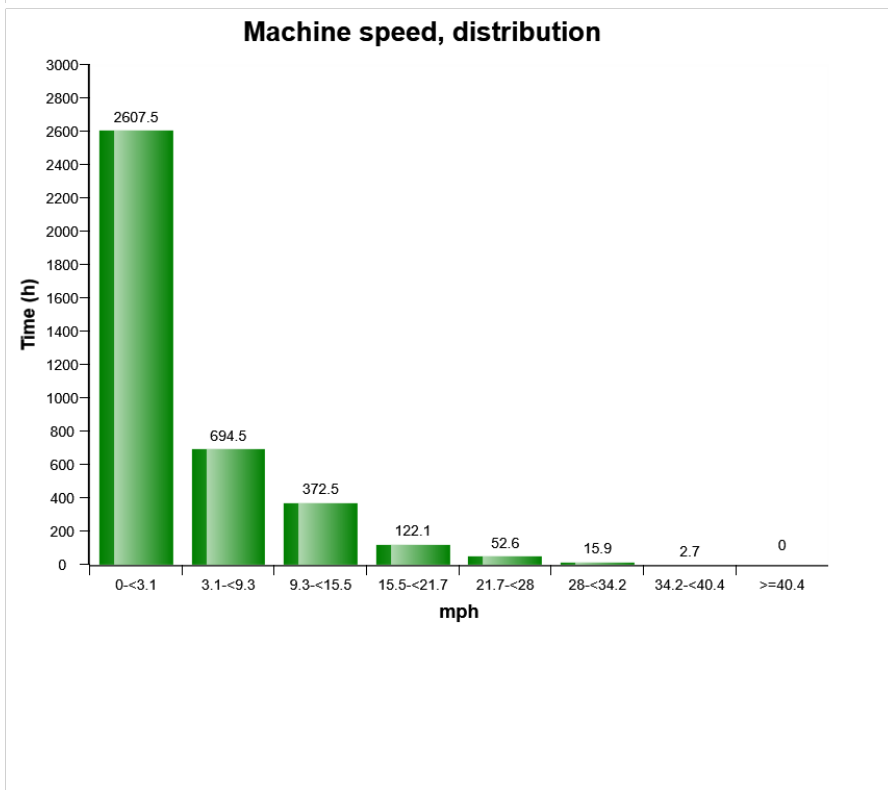
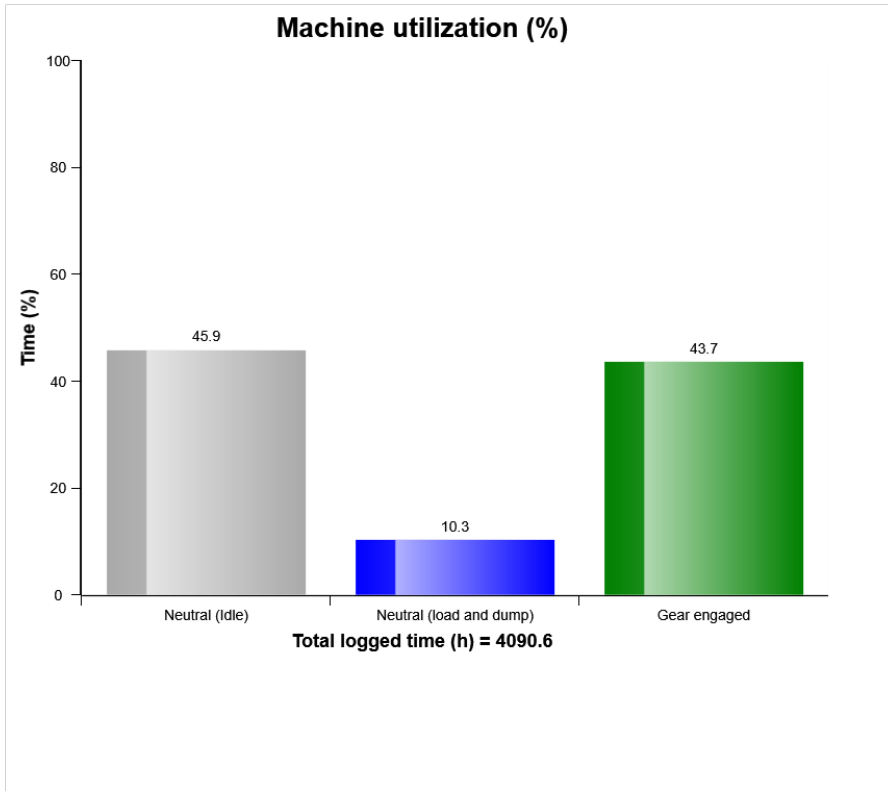


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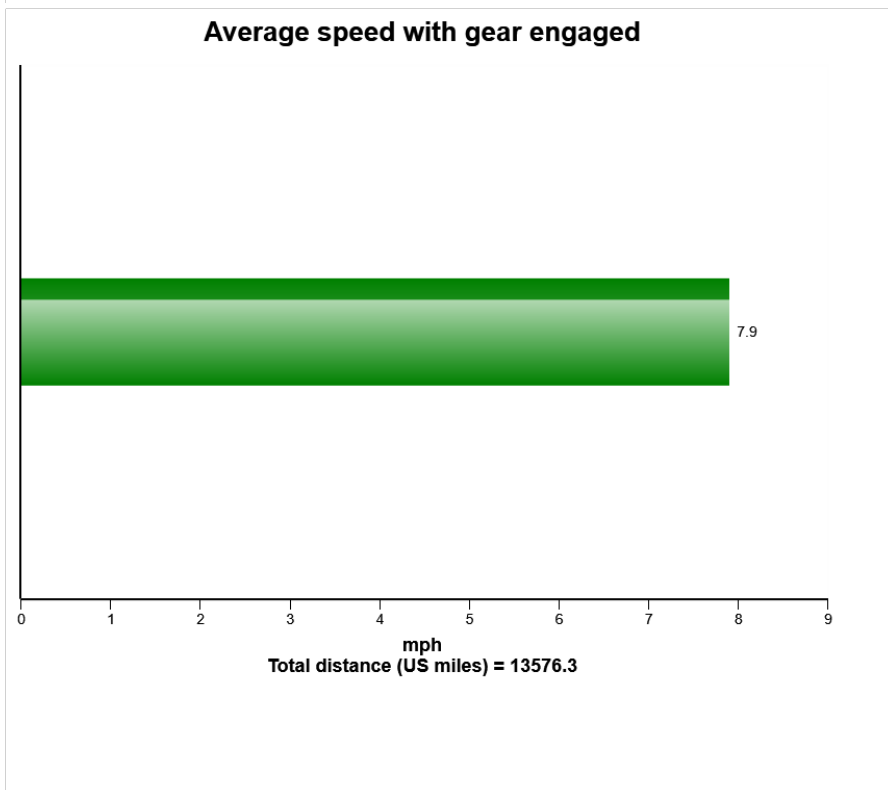
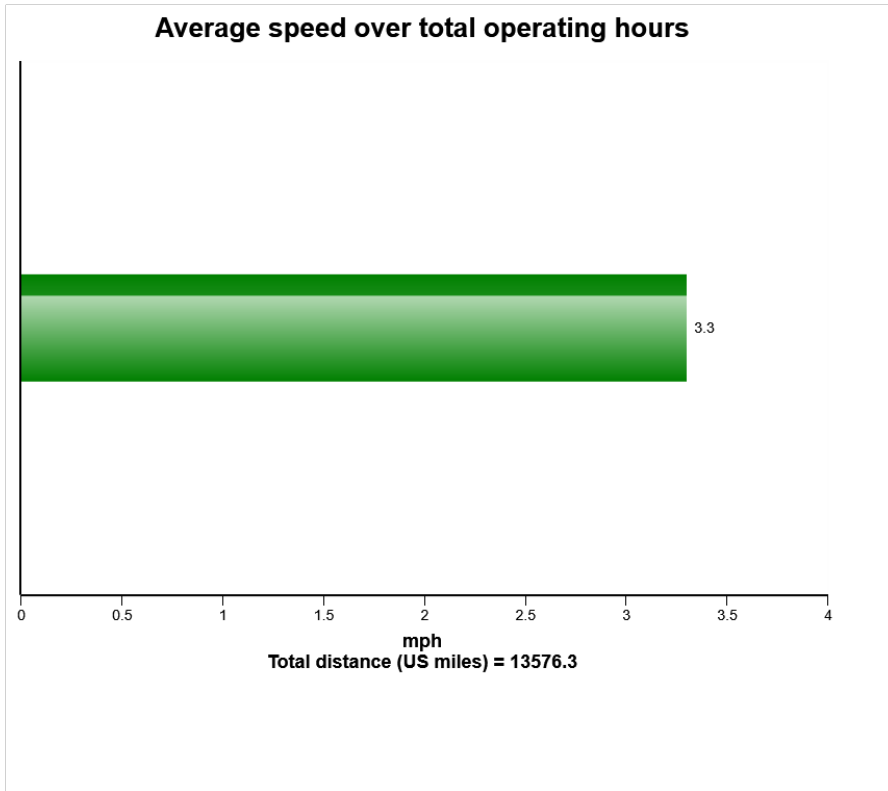
Main equipment	Type	Equipment
	Tyre size/class	Sold without tyres
	Body extensions	Not mounted
	Tail-gate	Not mounted
	Extra spillguard	Not mounted
	Wear plates	Not mounted
	Pattern	None



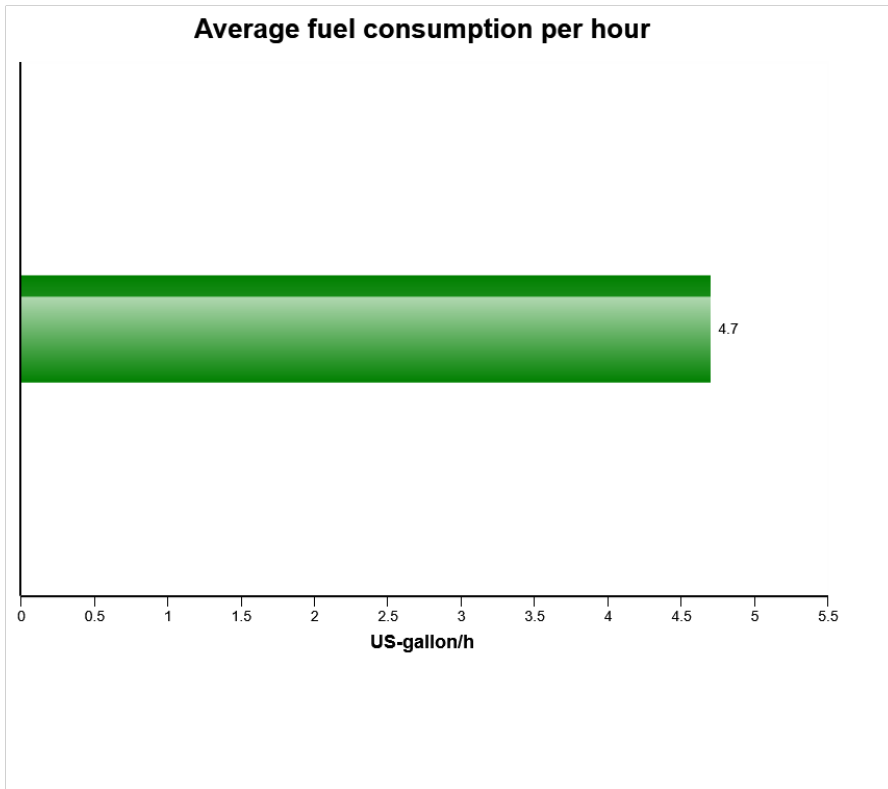
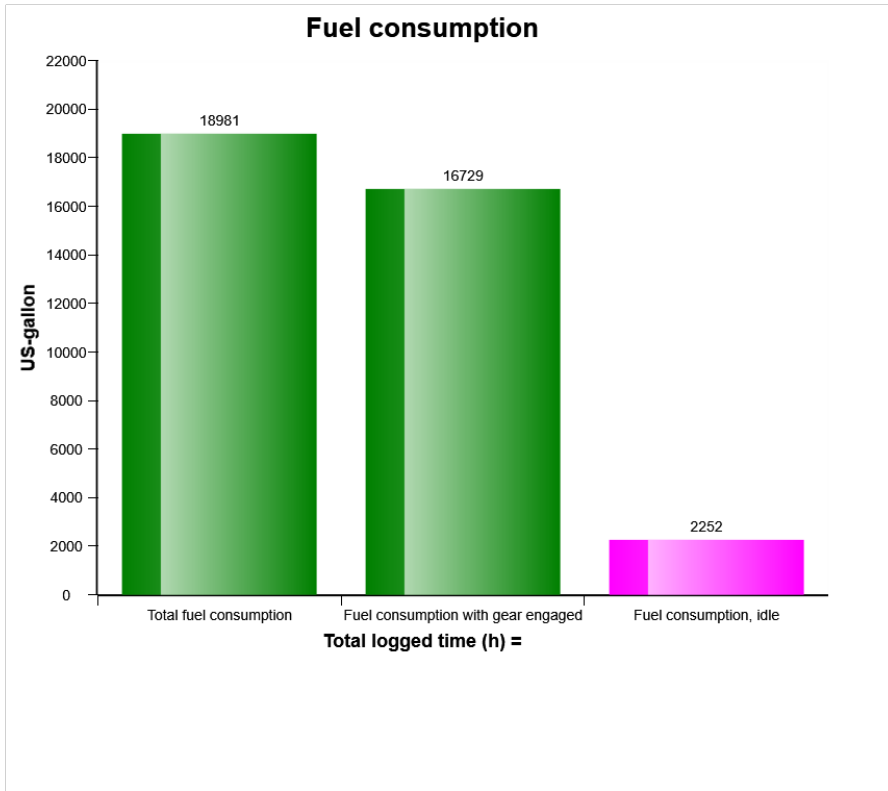
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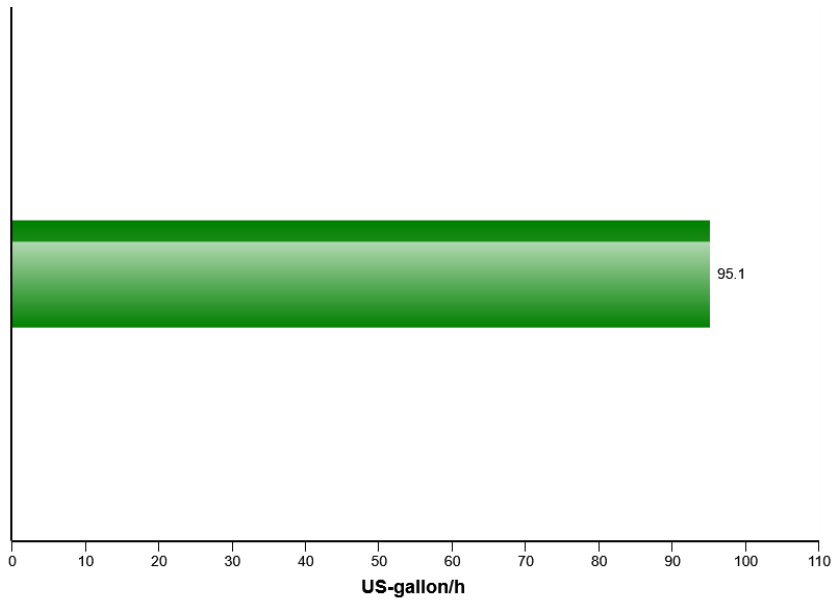


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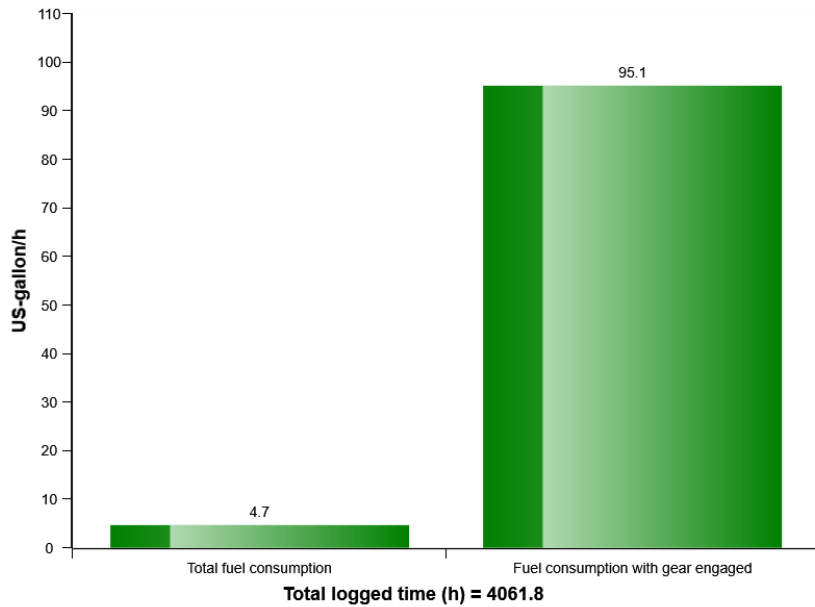


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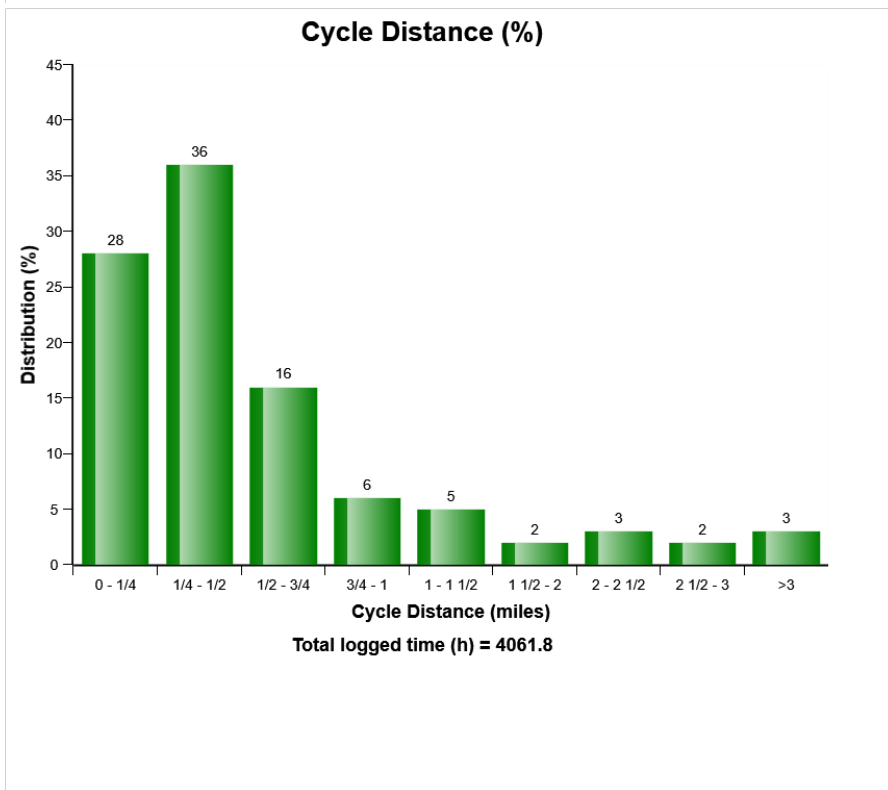
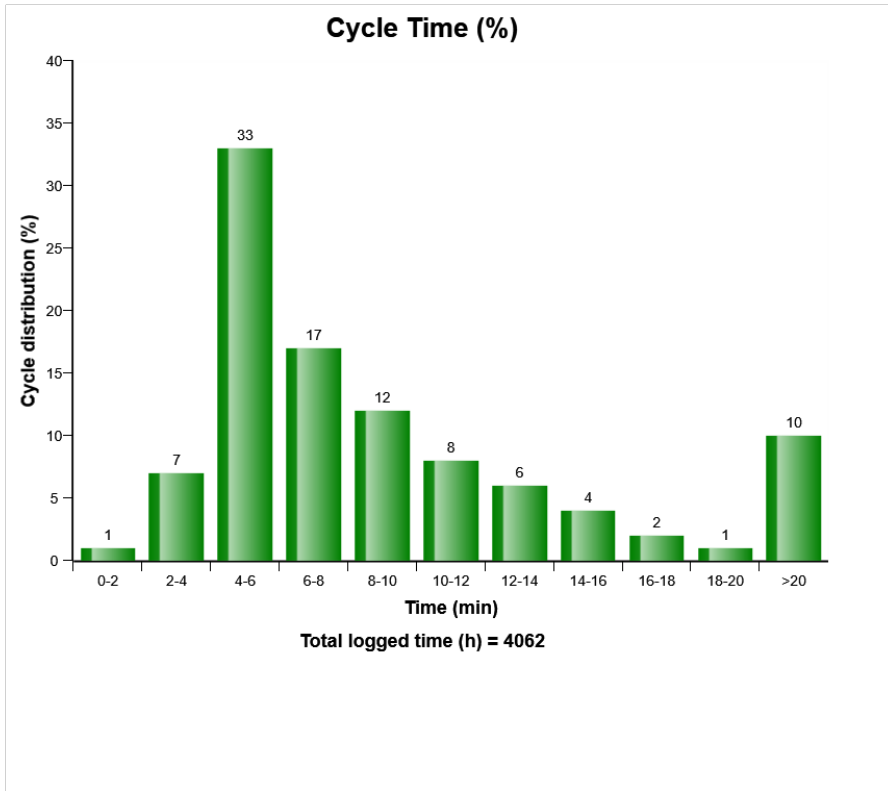
Average fuel consumption per hour with gear engaged



Average fuel consumption



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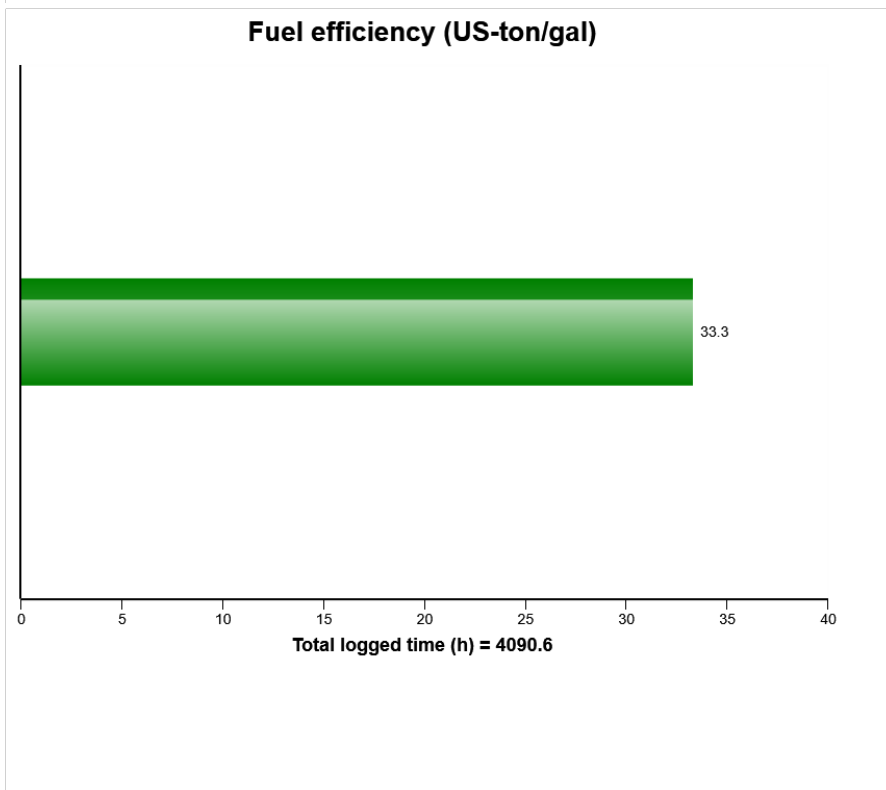
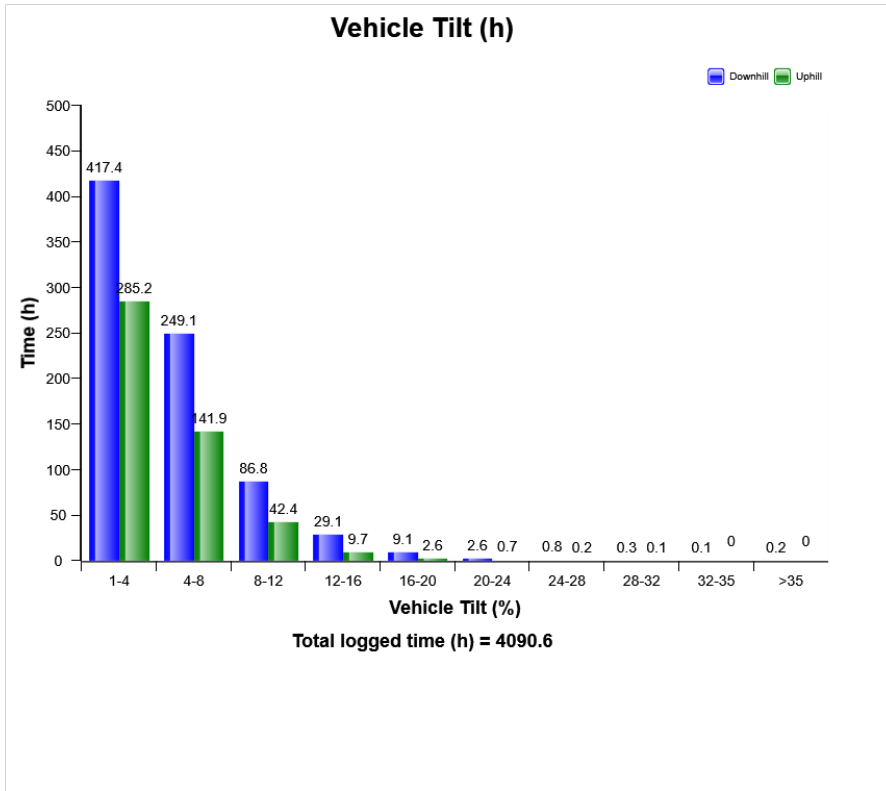
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Accumulated performance
Total logged time (h) =

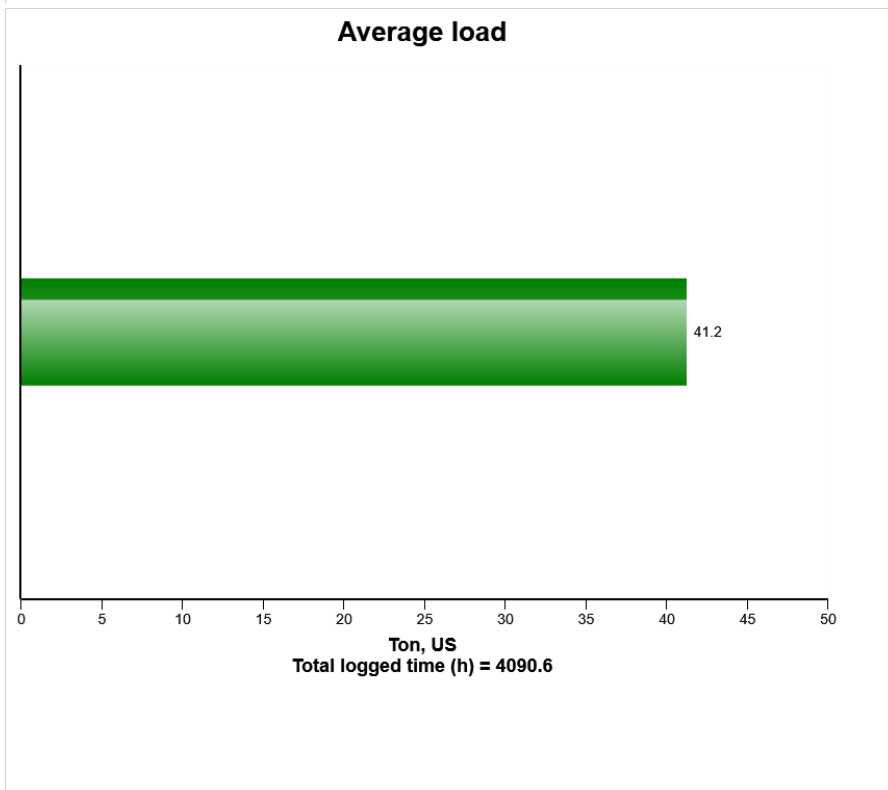
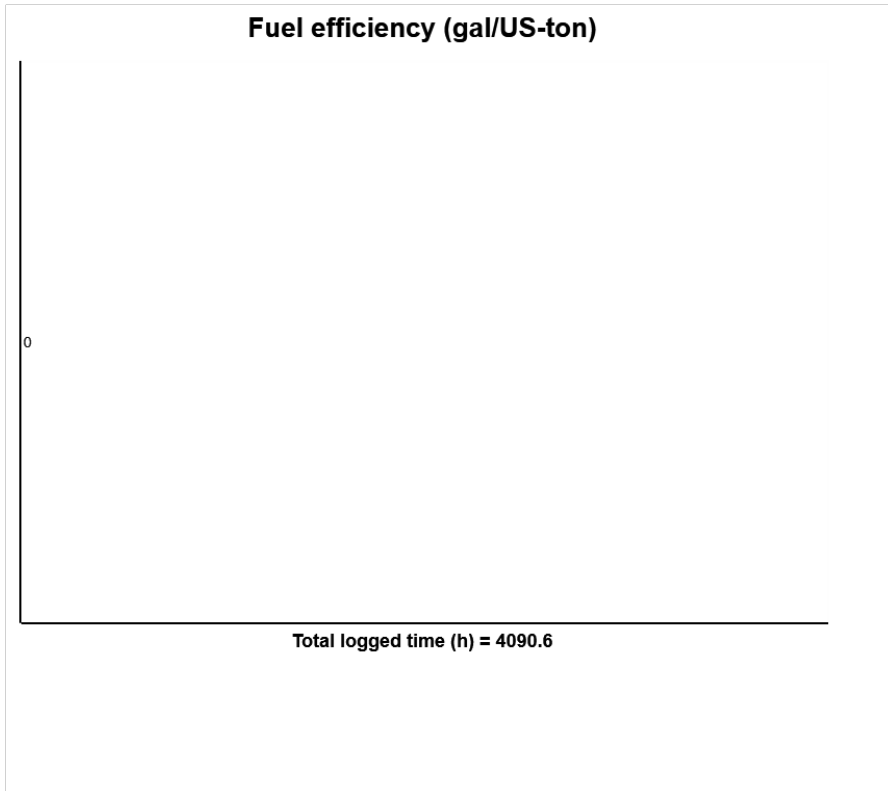
Total logged time (h) =	4090.6
Fuel consumption (US-gallons)	18983
Production (ton,US)	631469
Ton/h	154.4
Ton/gal	33.3
Fuel efficiency (US Gal/ton)	0.03
Number of cycles	15332
Cycles overloaded (%)	3
Load utilisation / cycle (%)	96



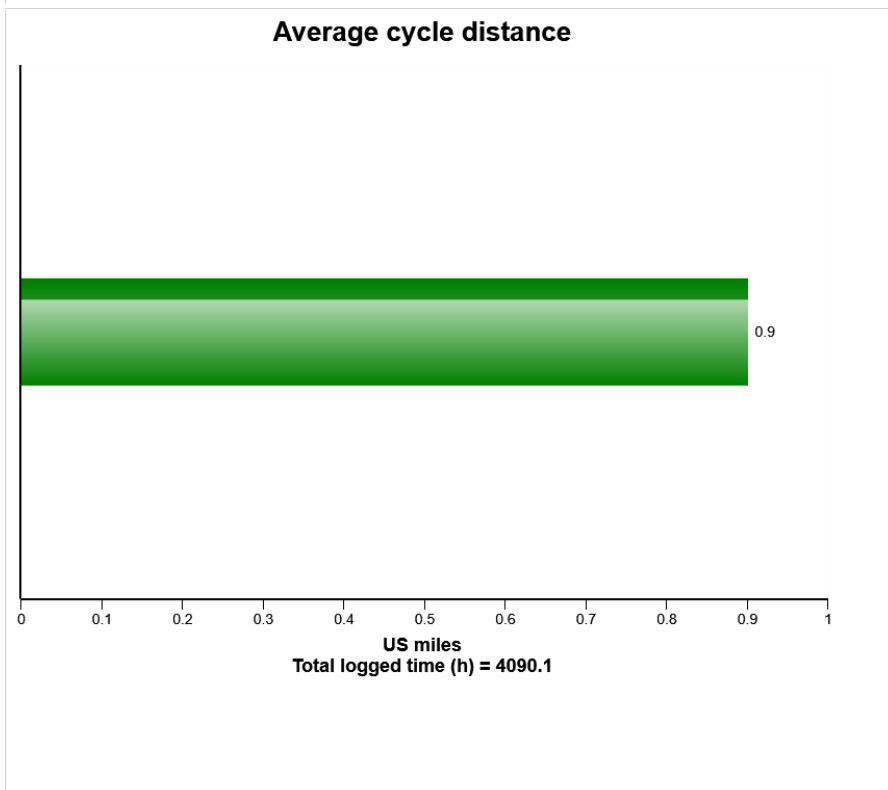
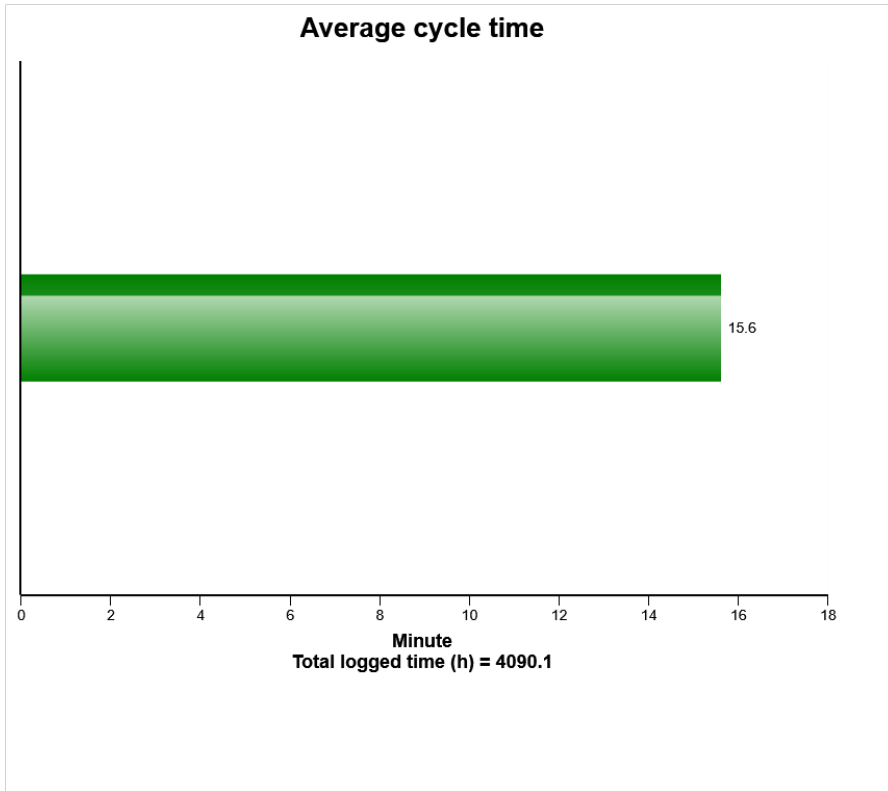
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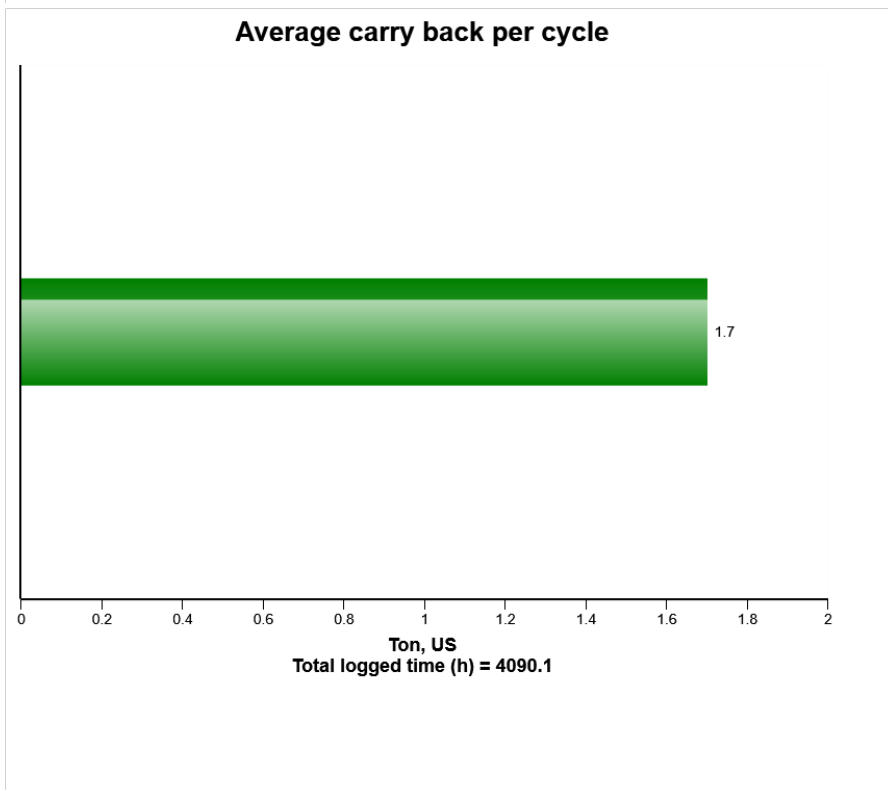
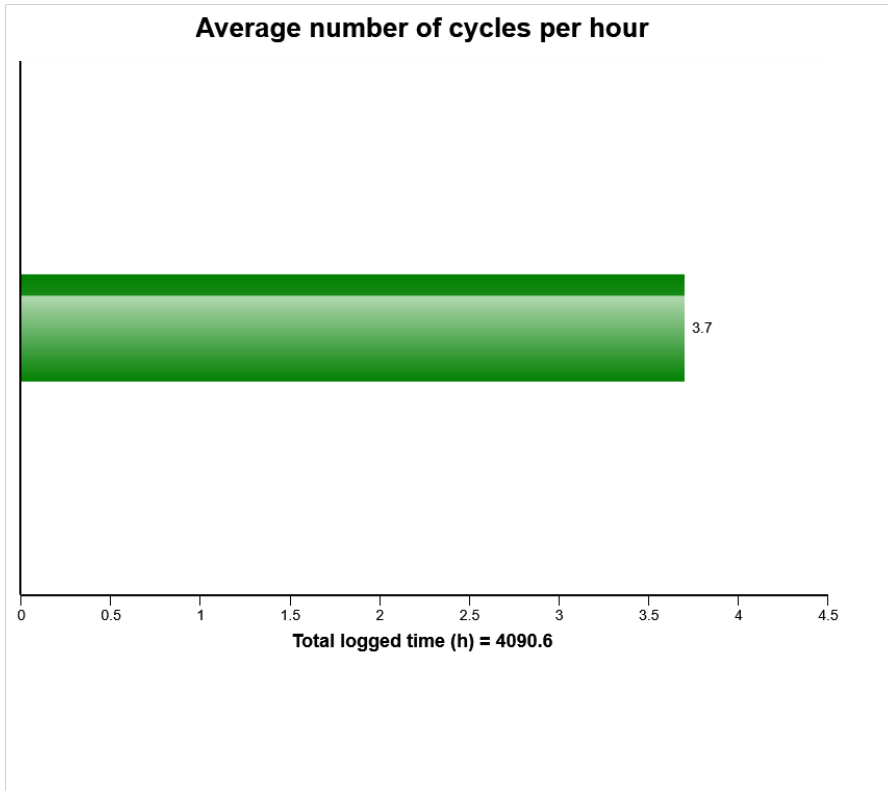
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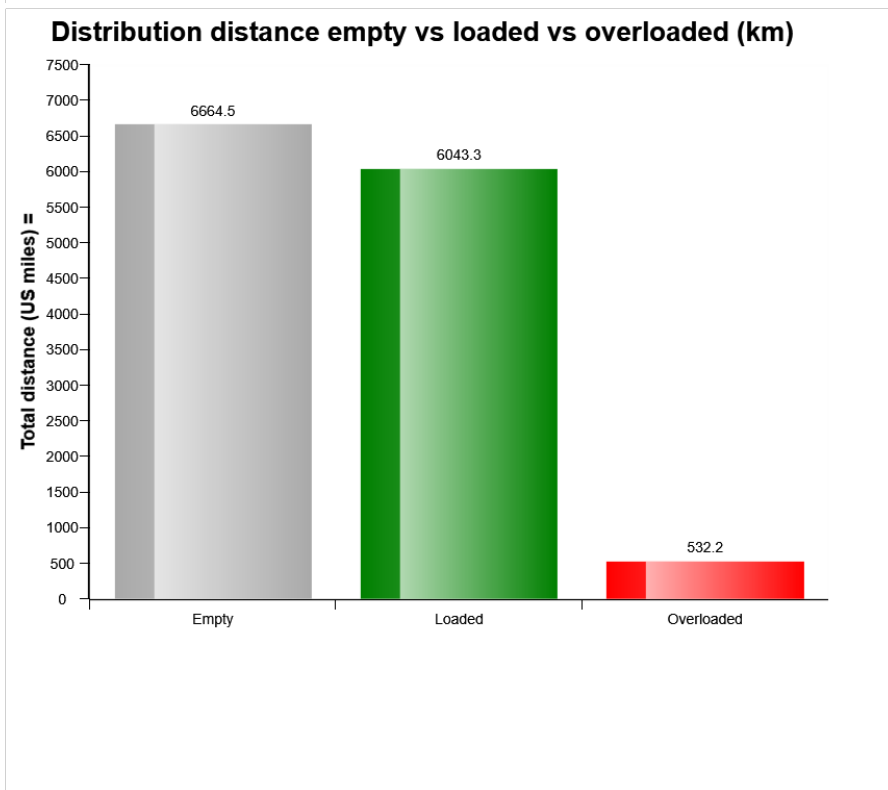
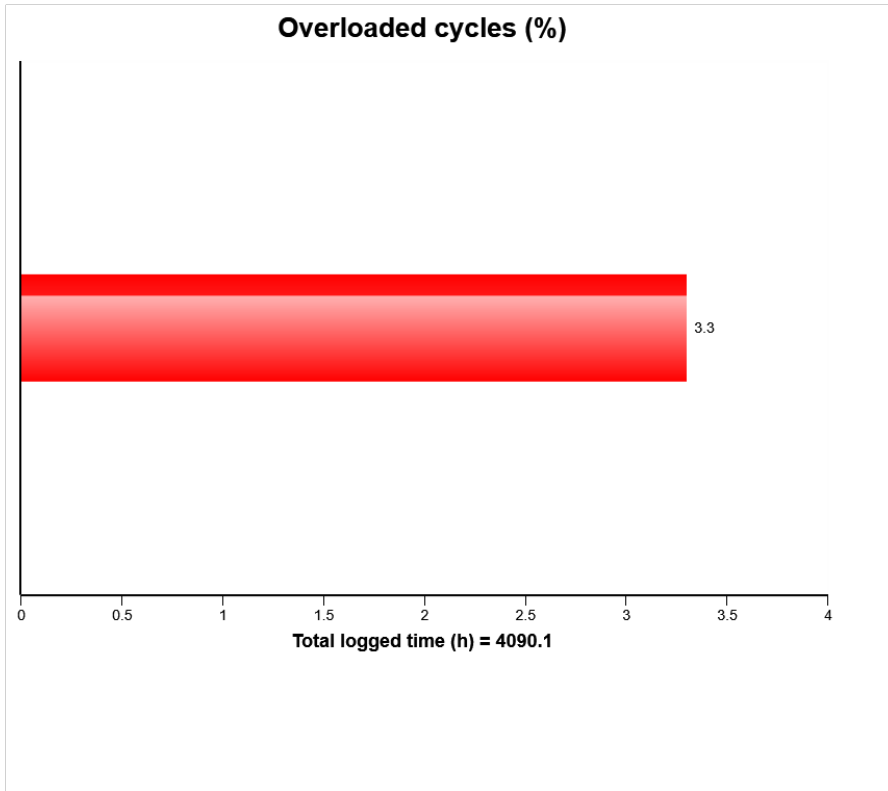
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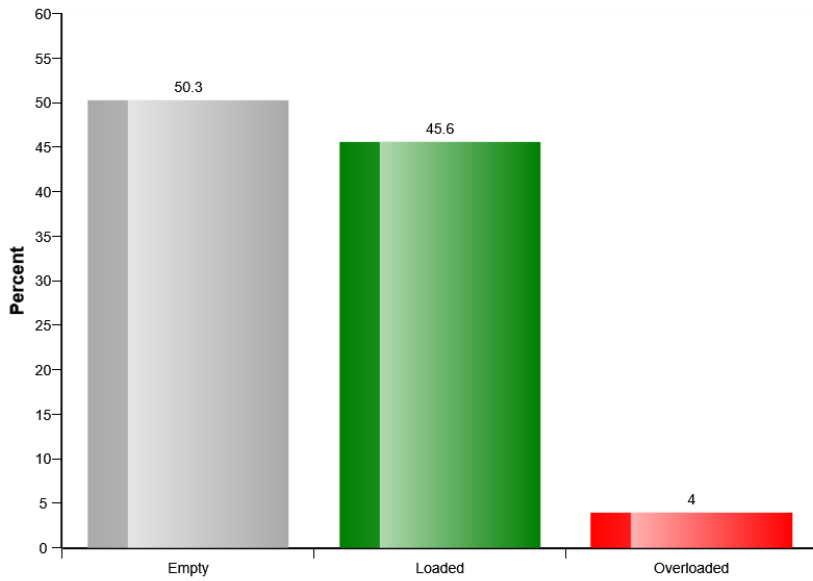


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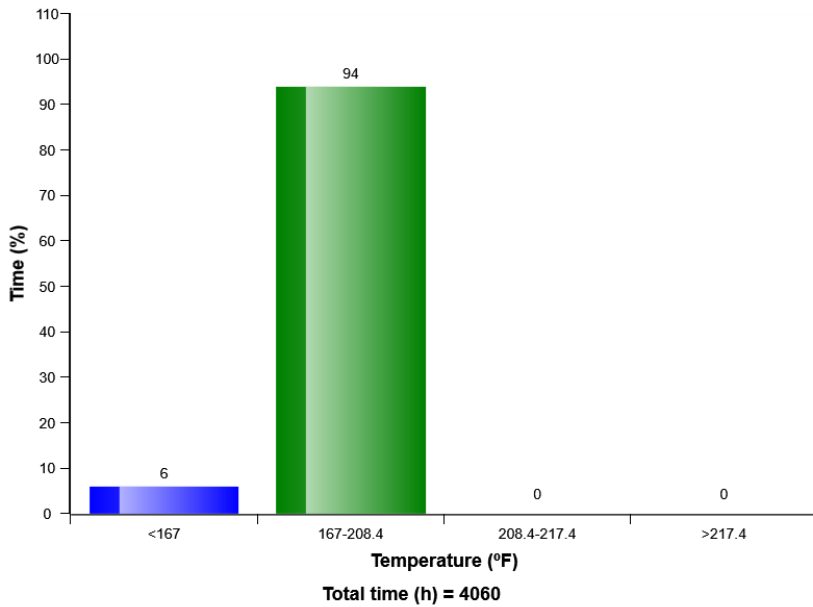


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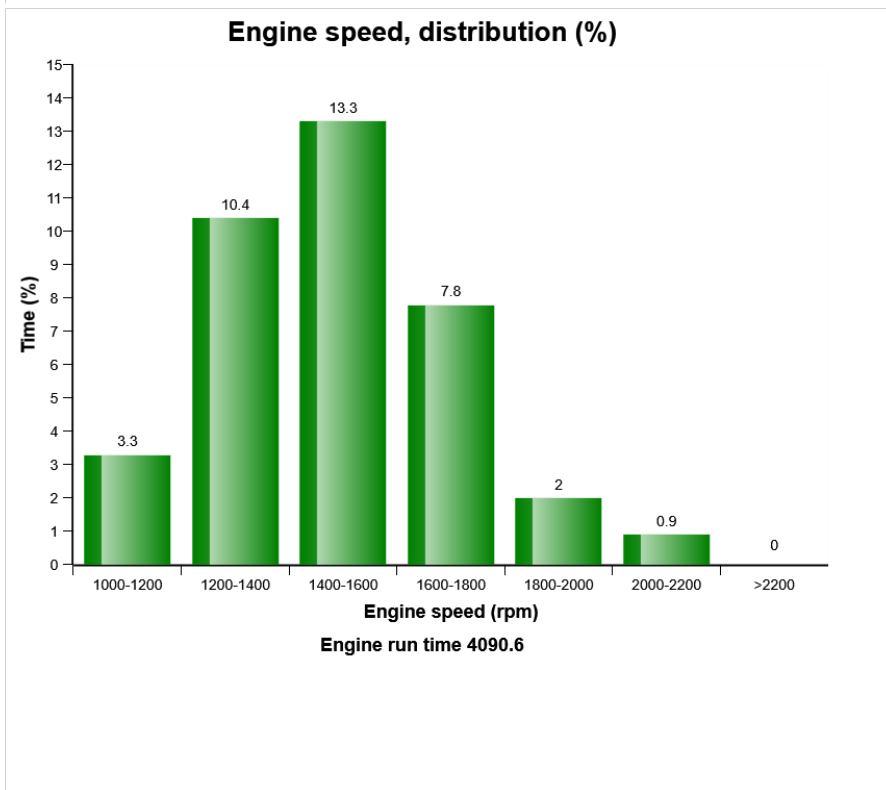
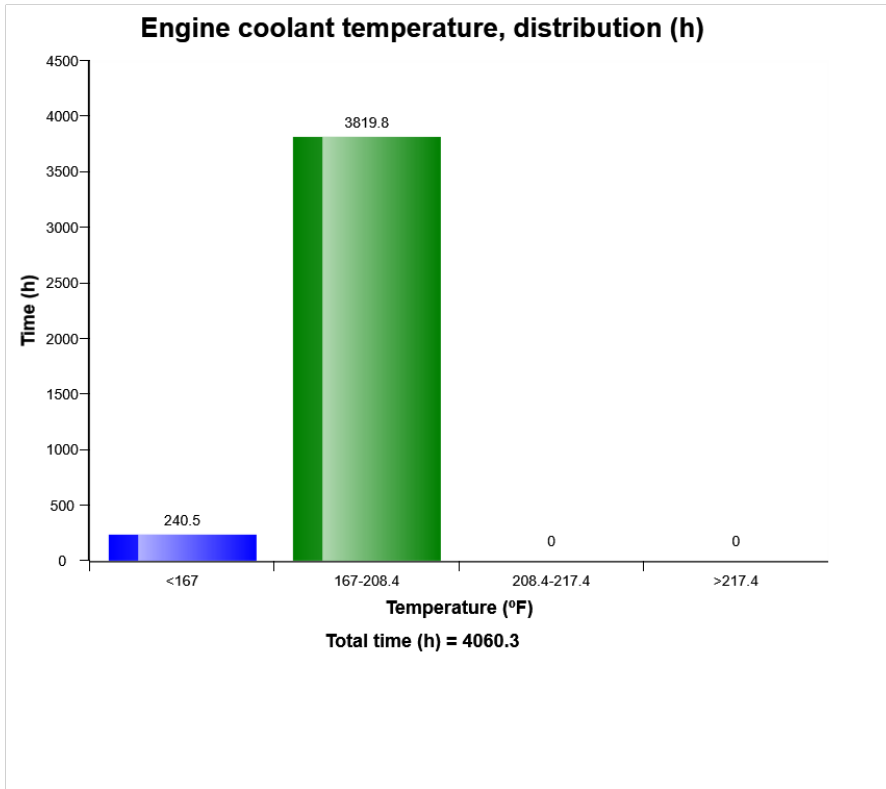
Distribution distance empty vs loaded vs overloaded (%)



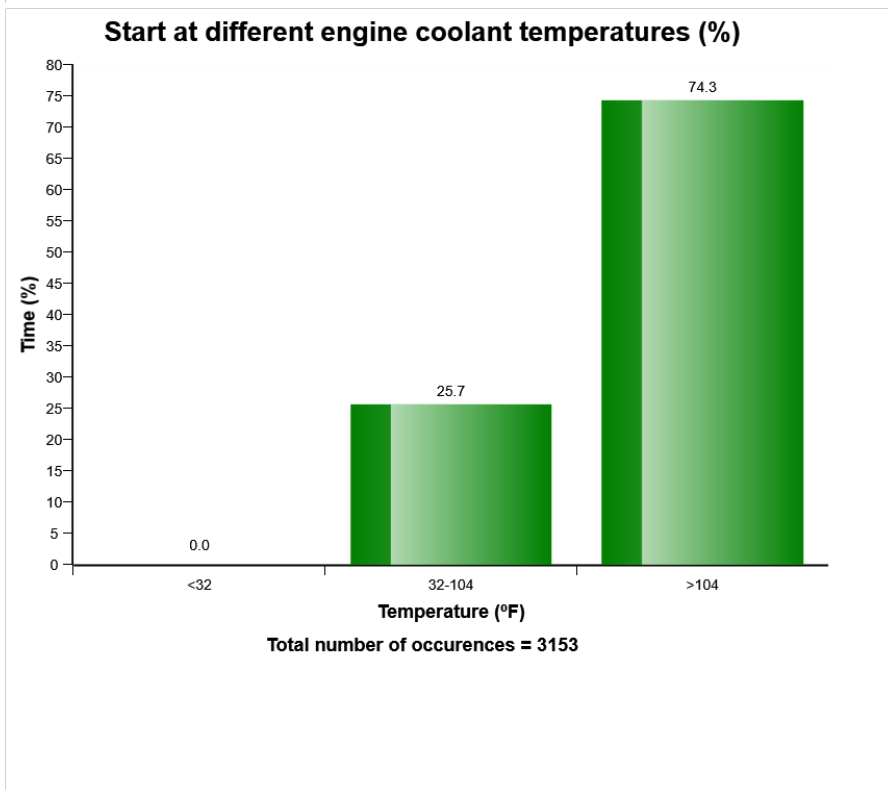
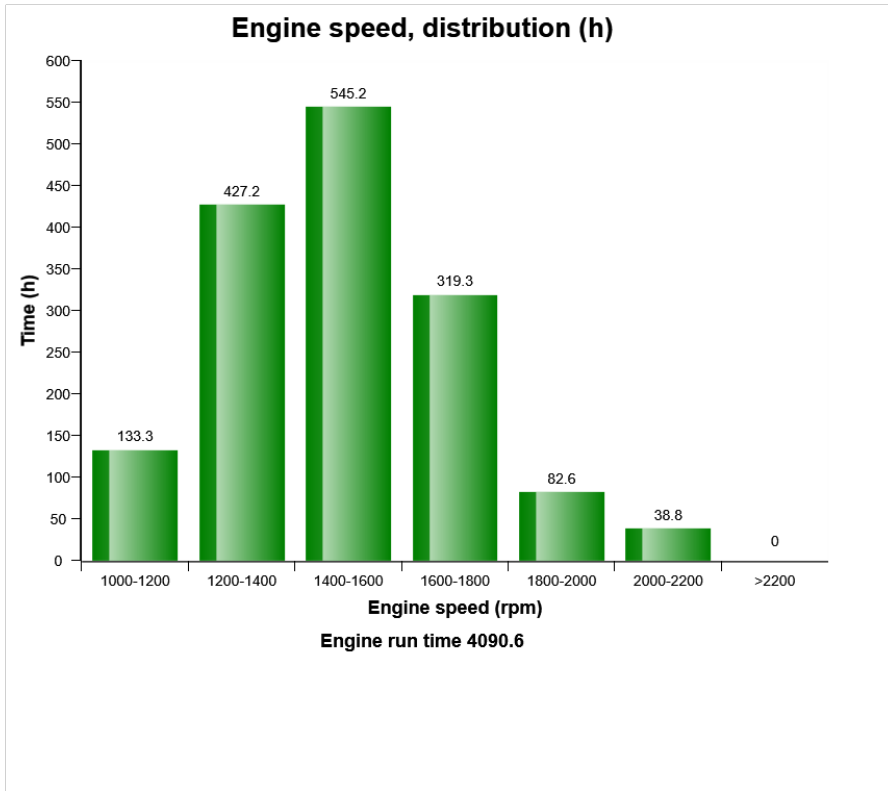
Engine coolant temperature, distribution (%)



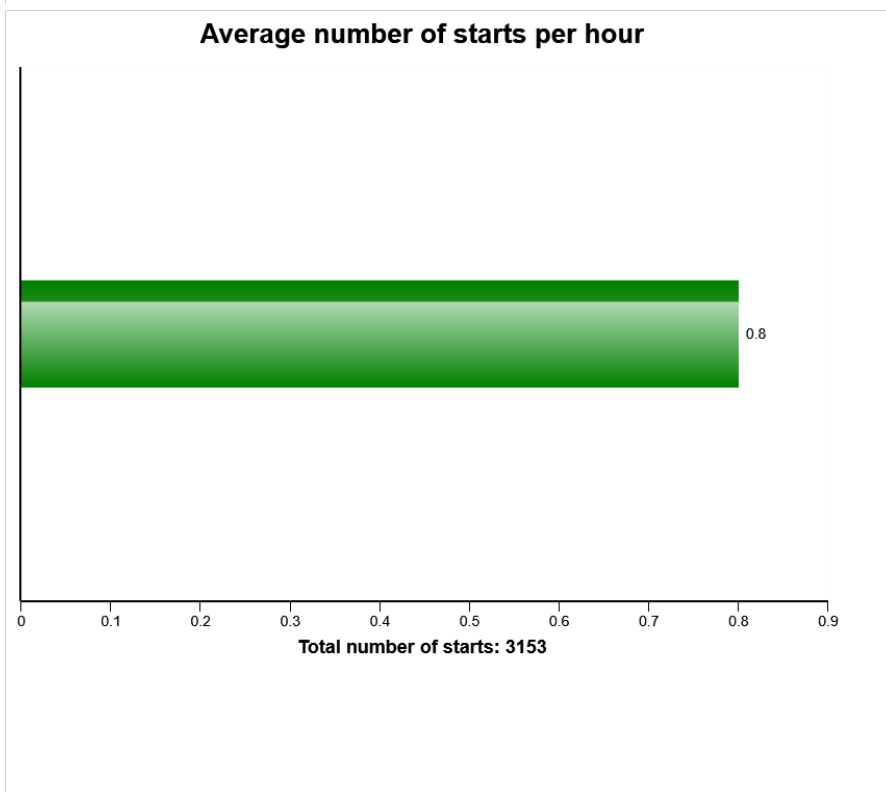
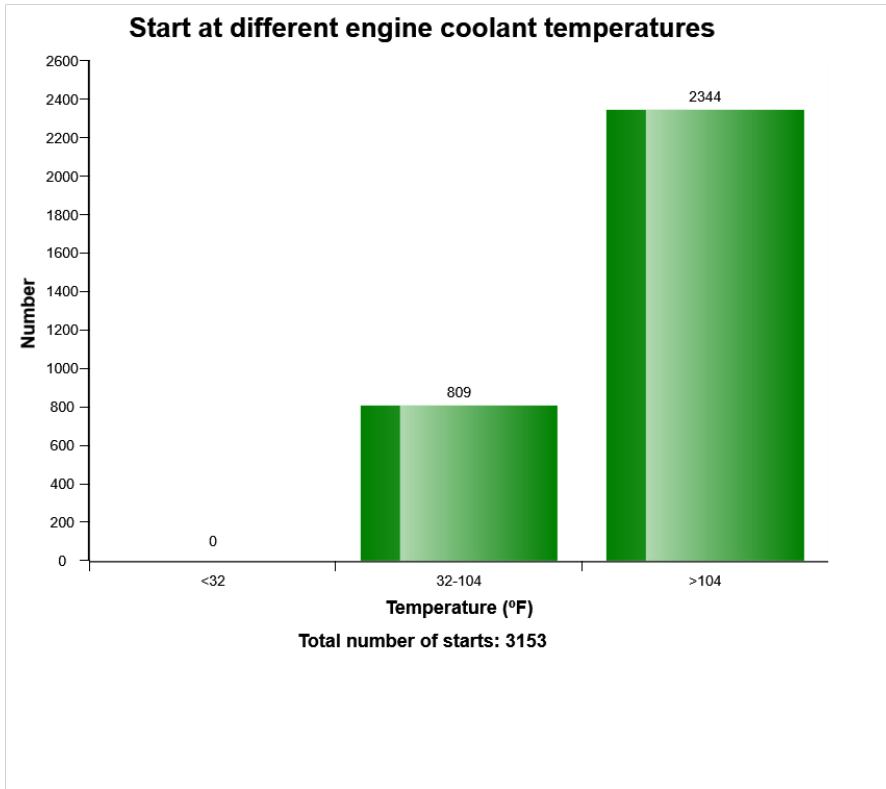
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**High engine coolant temperature
Total number of occurrences = 0**

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° 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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**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



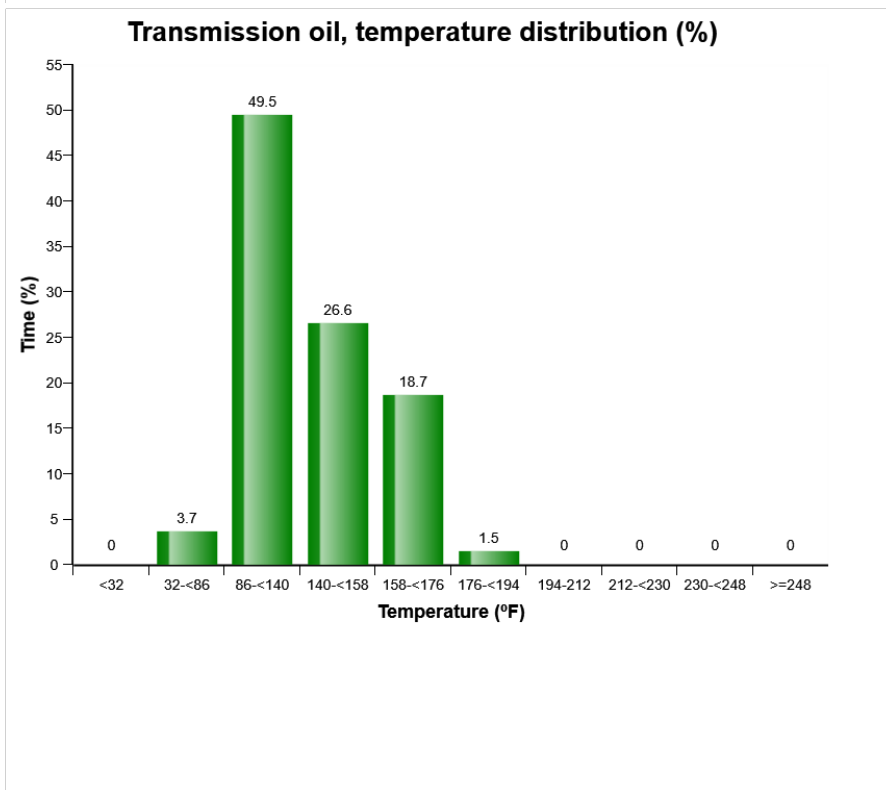
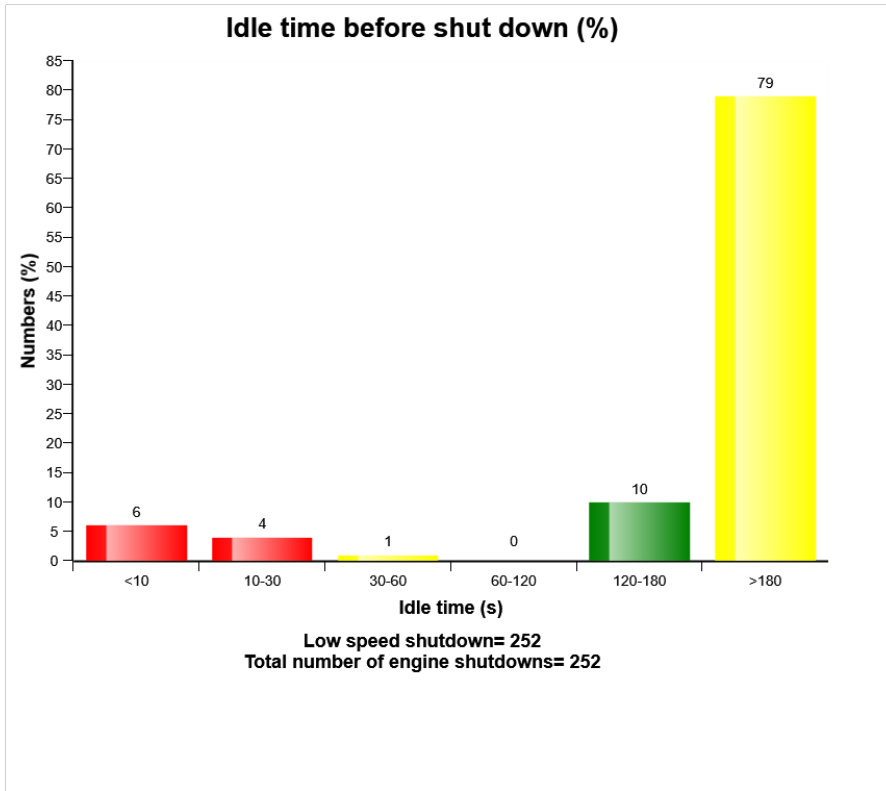
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Regeneration duration
Total number of occurrences = 32

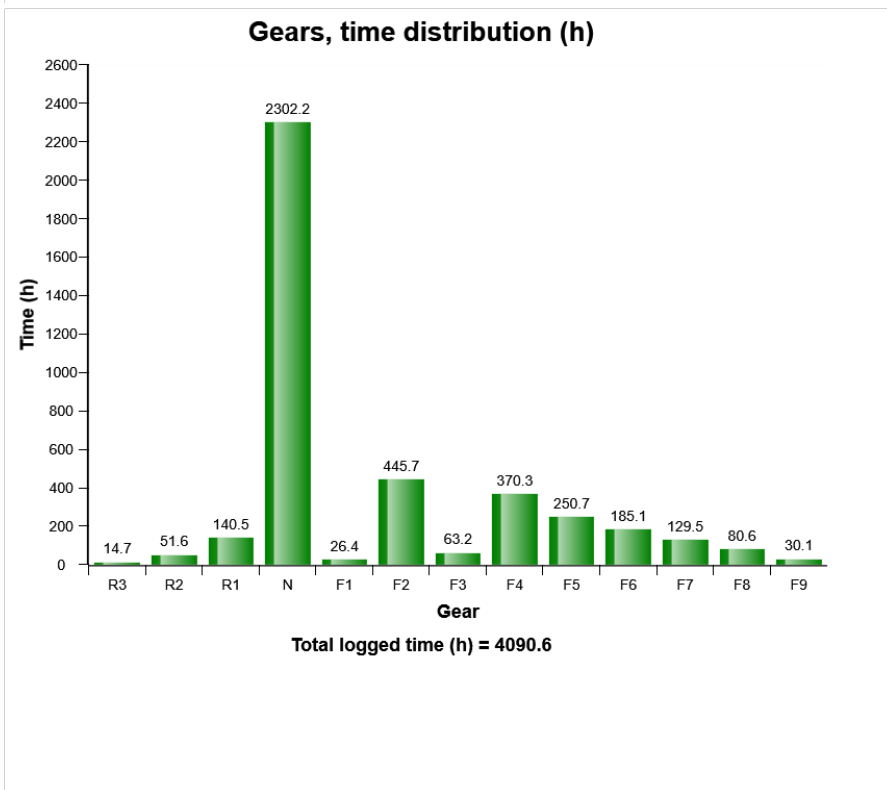
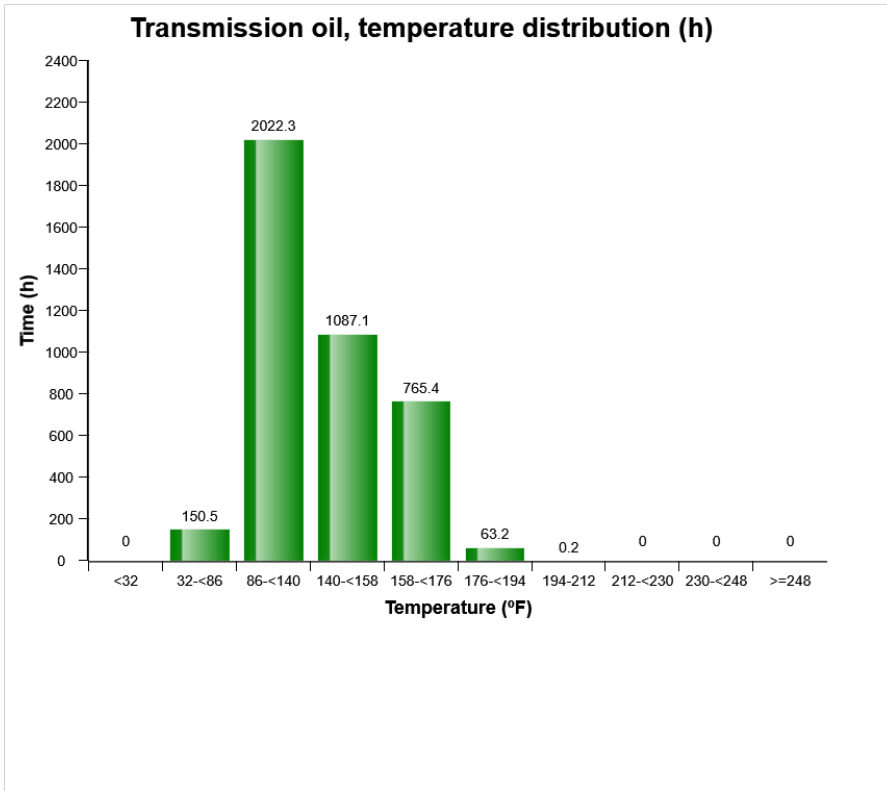
Op hours	Year	Month	Day	Hour	Minute	Duration (min)
1719	2017	2	24	10	33	8
1720	2017	2	24	13	7	38
1720	2017	2	24	12	36	16
1865	2017	3	23	7	20	46
2047	2017	6	6	9	22	40
2048	2017	6	6	10	21	28
2548	2017	11	10	13	49	45
2812	2018	2	9	9	26	46
2838	2018	2	20	15	38	68
3165	2018	6	15	14	28	47
3667	2019	2	3	8	46	40
3667	2019	2	3	8	5	21
3772	2019	2	18	16	40	11
3826	2019	2	27	7	50	58
3828	2019	2	27	9	41	30
3937	2019	4	3	14	16	54
3938	2019	4	9	16	58	1
3938	2019	4	7	5	25	2
3938	2019	4	8	16	0	1
3939	2019	4	10	7	29	55



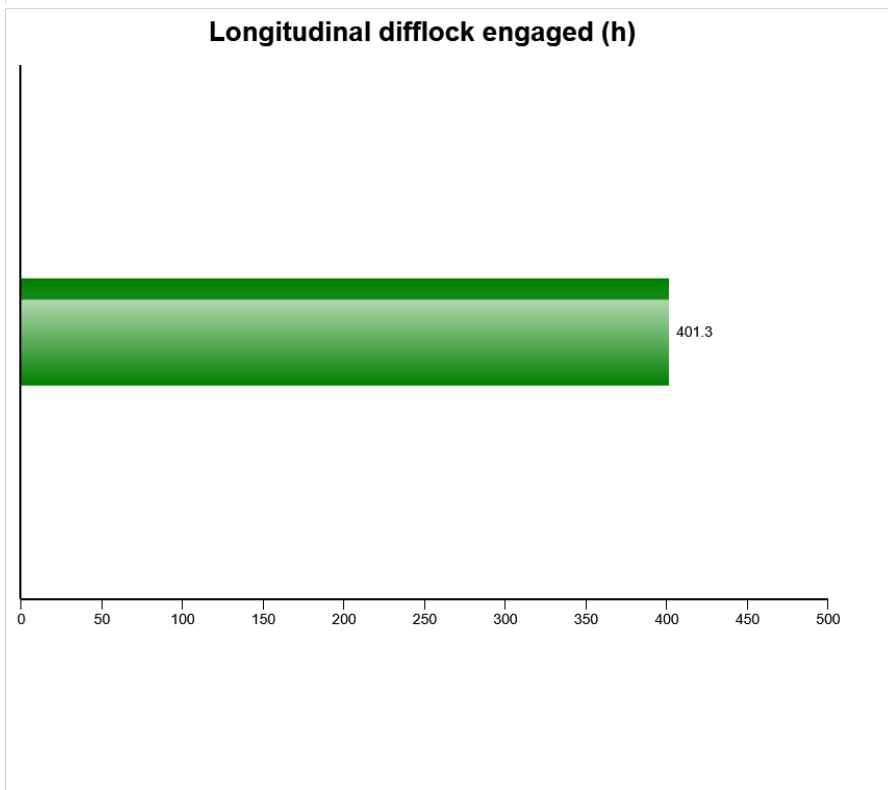
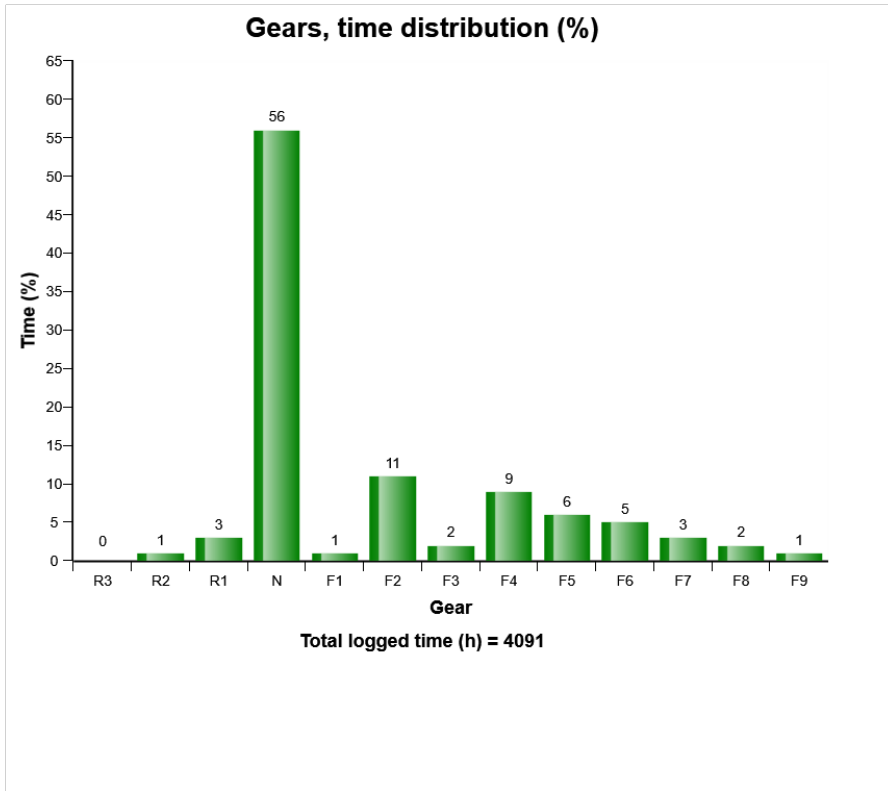
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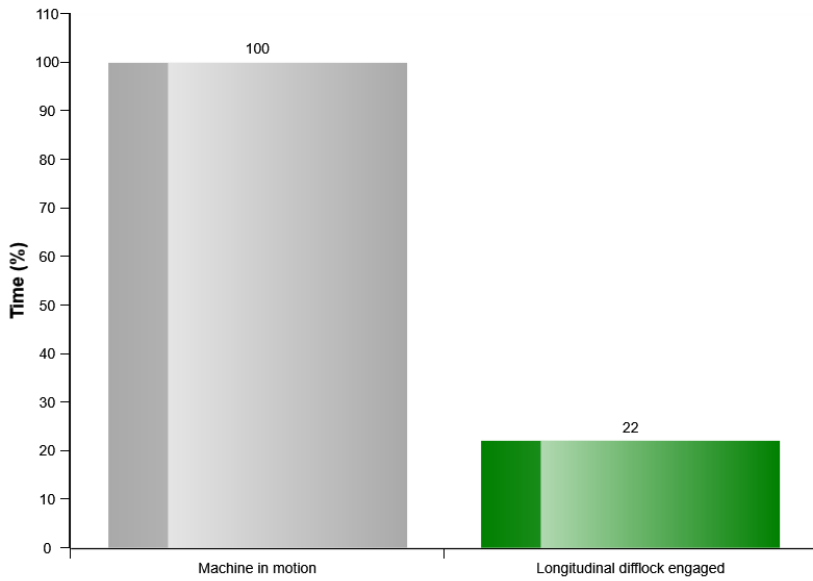


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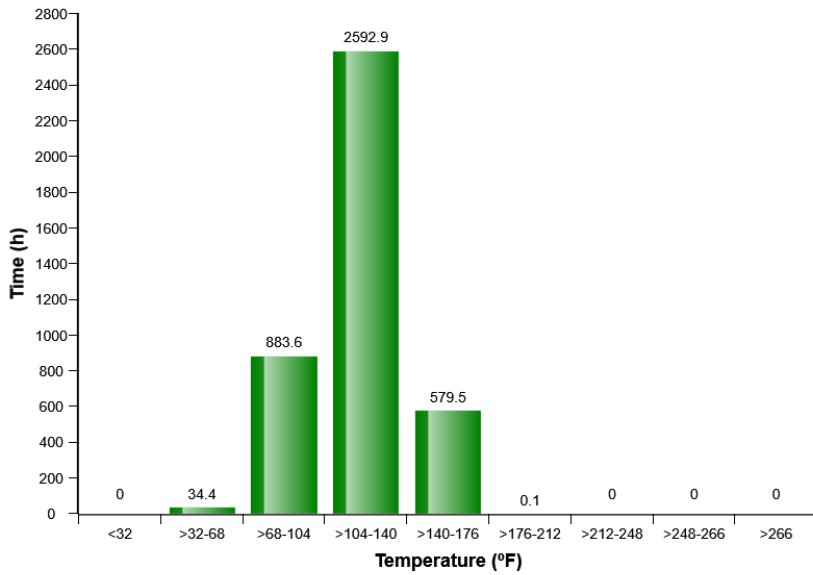


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Longitudinal difflock use related to machine in motion (%)

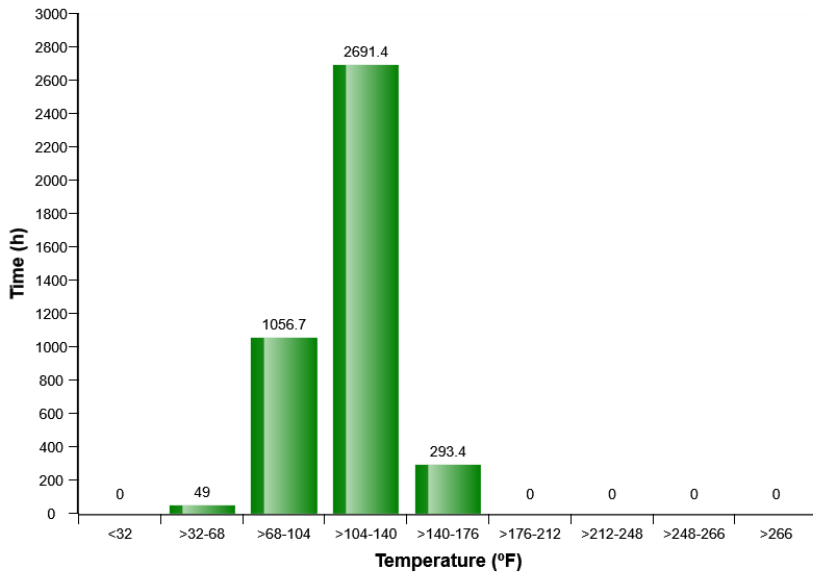


Service brake cooling oil, front axle temperature

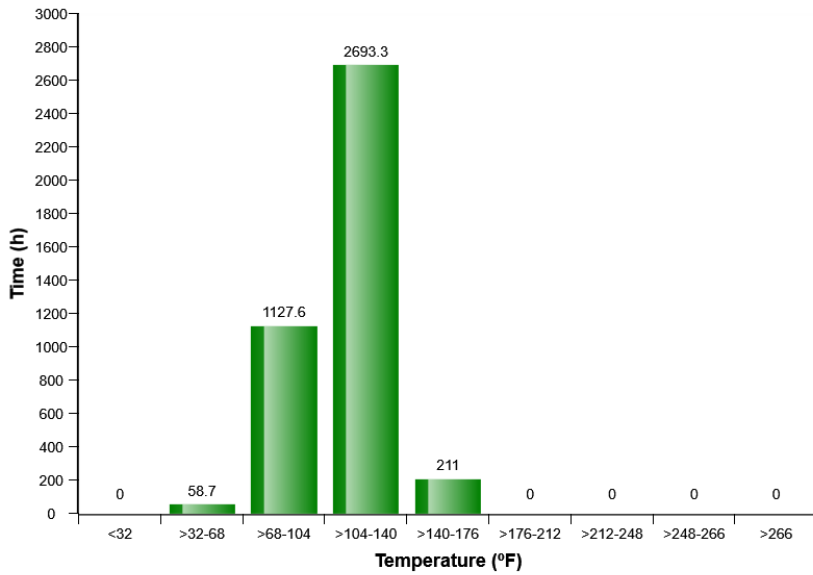


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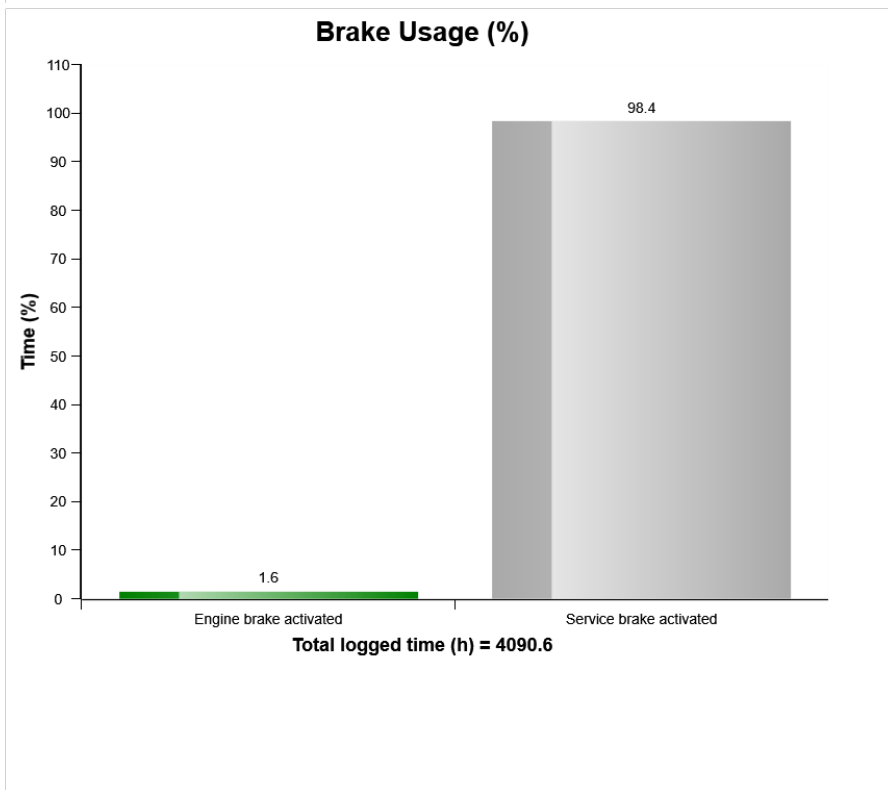
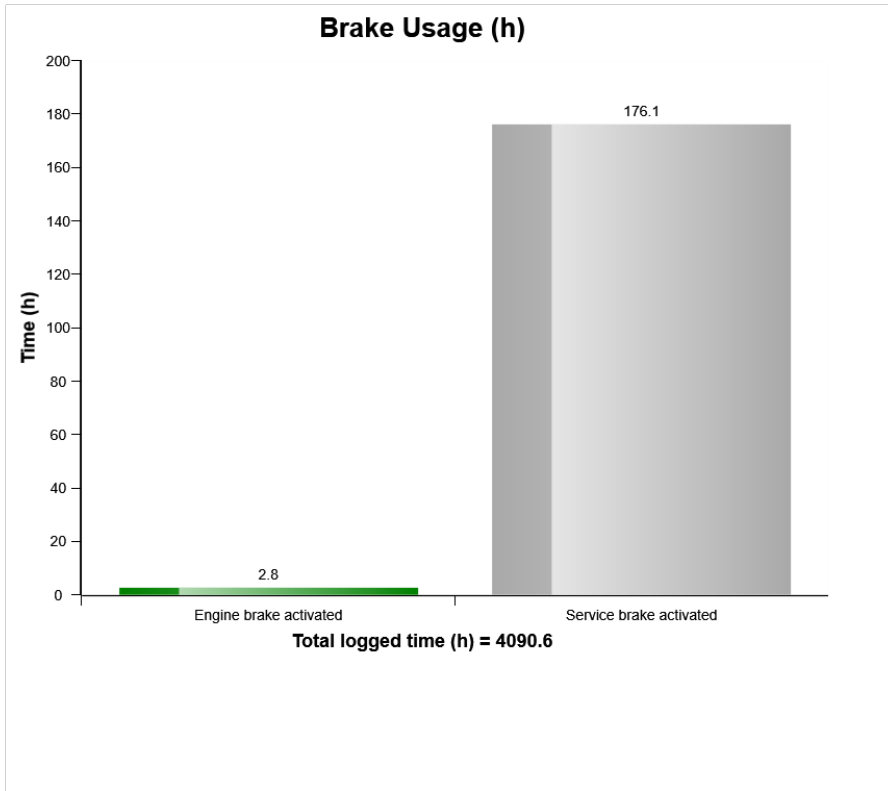
Service brake cooling oil, first bogie axle temperature



Service brake cooling oil, second bogie axle temperature



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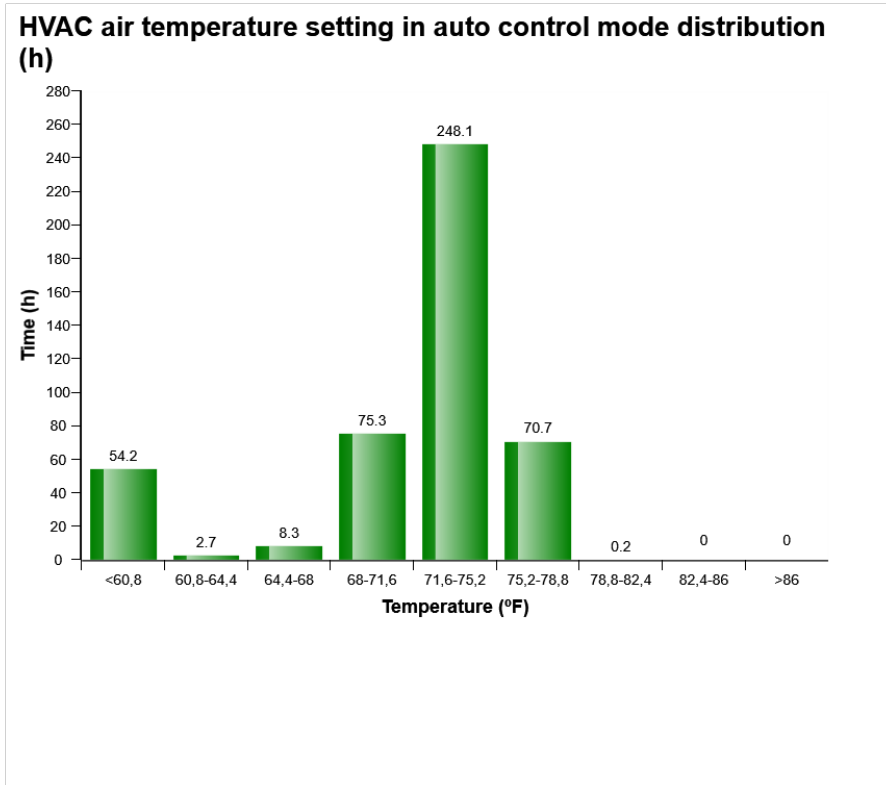
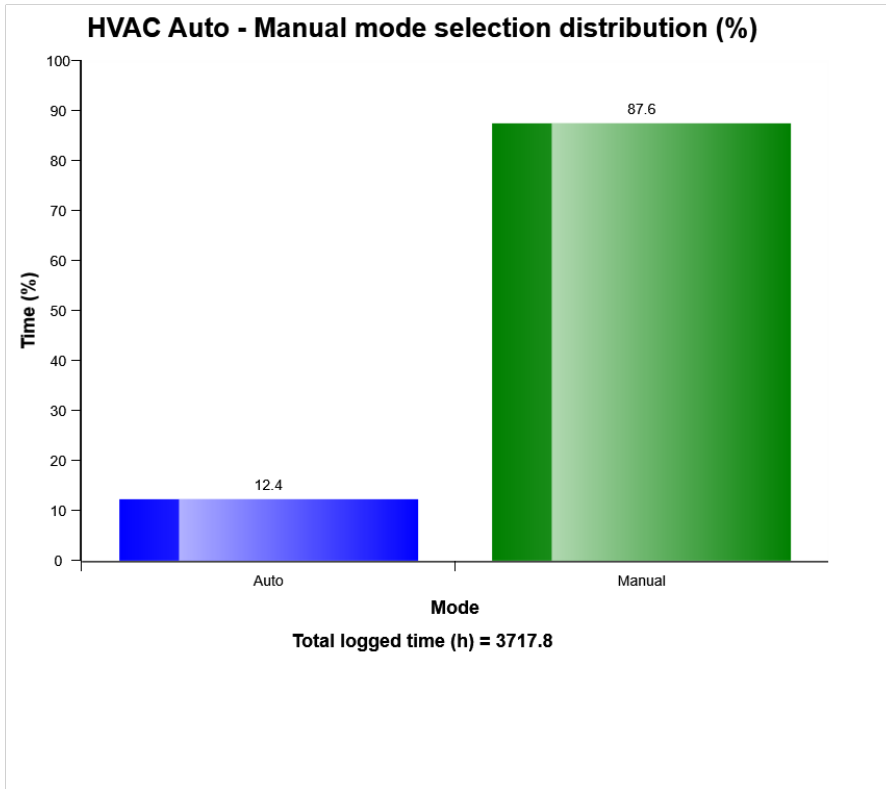
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Low Brake Servo Pressure
Total number of occurrences = 11

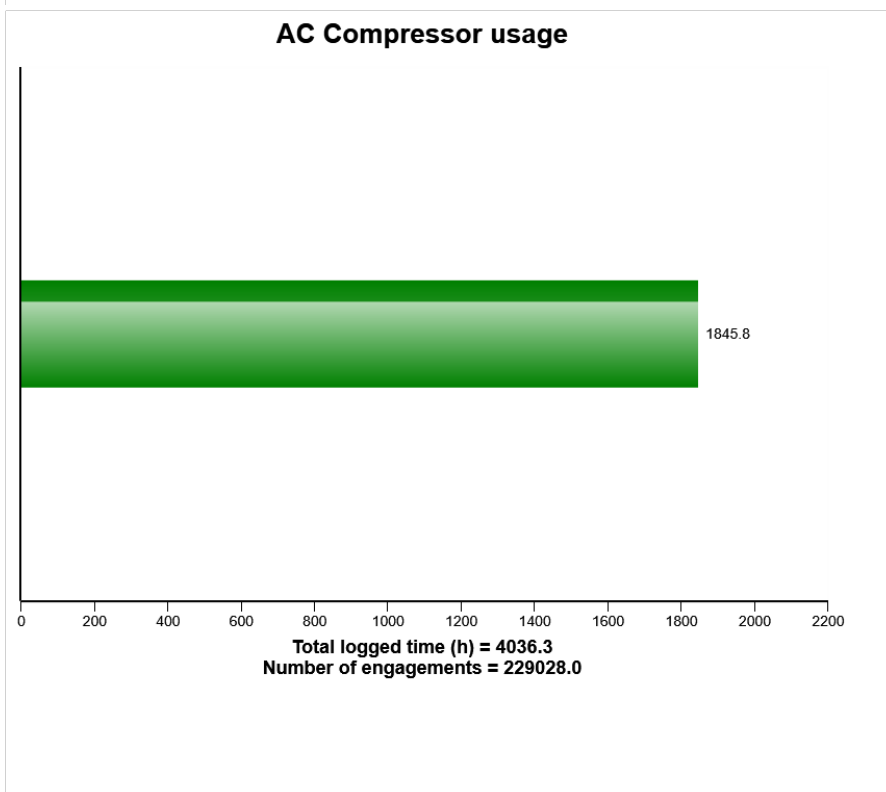
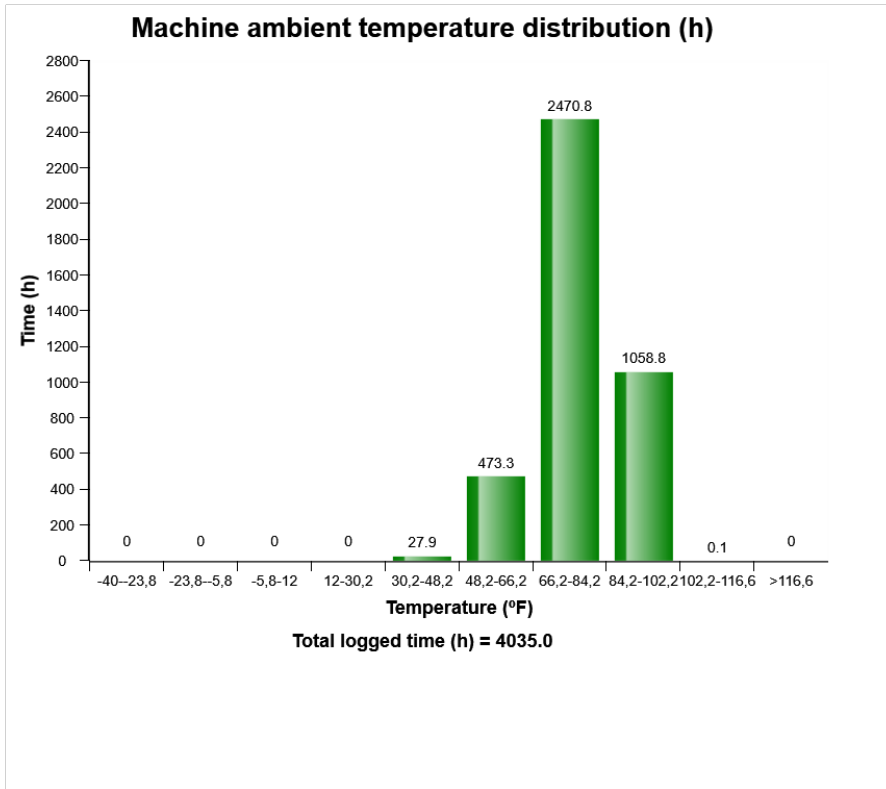
	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (psi)
B	459	2015	10	10	8	42	0	2157
C	766	2016	1	29	8	20	0	2138
D	1036	2016	6	16	8	5	0	2275
E	1372	2016	10	4	16	30	0	2256
F	2001	2017	4	15	11	7	0	2541
G	2216	2017	8	10	7	15	0	2132
H	2256	2017	8	17	8	27	0	2138
I	3061	2018	4	19	18	22	0	2300
J	4041	2019	4	24	14	50	0	2225
A	4089	2019	8	30	13	4	0	2269



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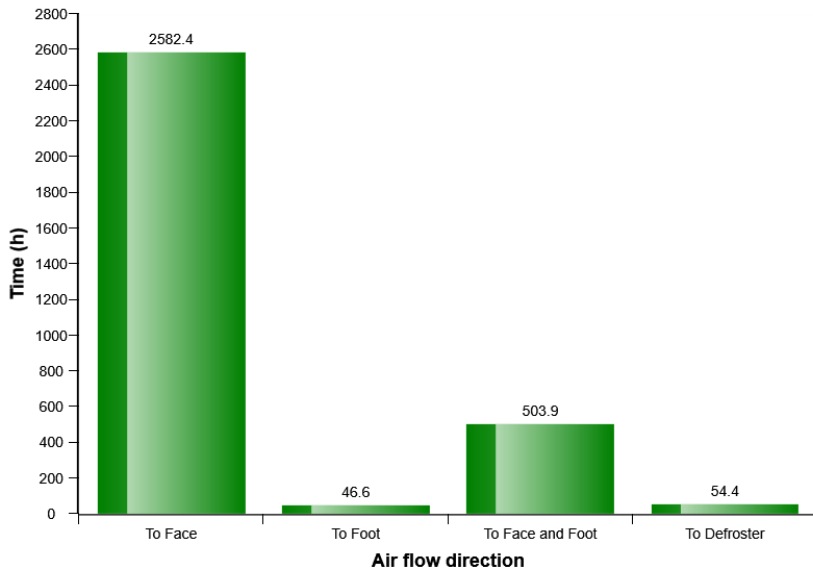


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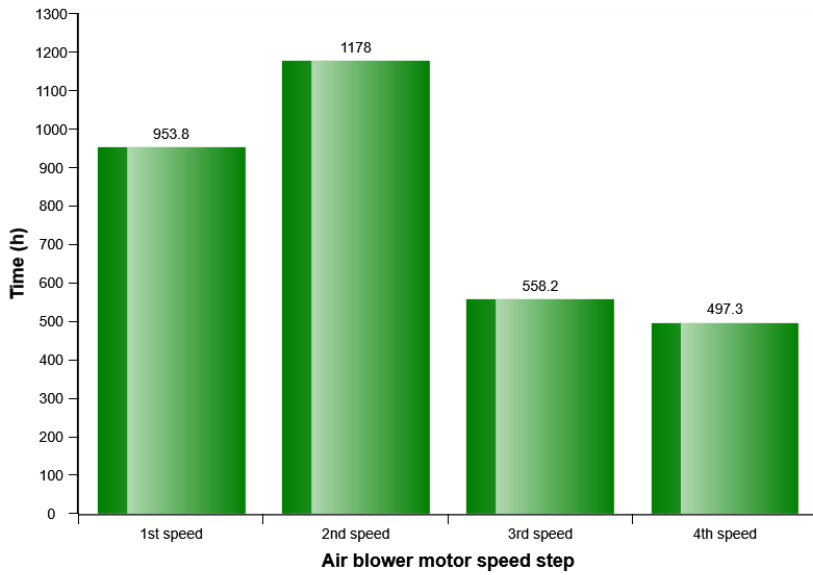


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HVAC air flow direction in manual mode distribution (h)



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



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AC High Pressure
Total number of occurrences = 1056

Op hours	Year	Month	Day	Hours	Minute	Duration (sec)	Extreme (° F)
3594	2018	10	16	11	49	7	84
3595	2018	10	16	12	58	19	88
3597	2018	10	16	15	2	207	90
3597	2018	10	16	14	42	593	91
3597	2018	10	16	14	54	89	91
3597	2018	10	16	15	10	16	90
3598	2018	10	16	16	13	23	91
3598	2018	10	16	16	15	51	91
3598	2018	10	16	16	17	51	91
3598	2018	10	16	15	57	21	91
3598	2018	10	16	15	55	6	91
3598	2018	10	16	16	7	234	91
3599	2018	10	16	16	31	128	97
3599	2018	10	16	16	37	55	95
3599	2018	10	16	16	39	63	95
3599	2018	10	16	16	42	15	91
3599	2018	10	16	16	44	307	91
3599	2018	10	16	16	34	20	97
3600	2018	10	17	8	56	186	75
3600	2018	10	17	9	17	51	77



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AC System Cut Out Pressure
Total number of occurrences = 32

Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° F)
1255	2016	8	29	10	30	4	86
1294	2016	9	8	12	52	5	88
1342	2016	9	21	14	48	3	95
1374	2016	10	5	15	3	4	91
3574	2018	10	11	17	8	4	77
3577	2018	10	12	11	53	3	81
3577	2018	10	12	11	55	5	88
3578	2018	10	12	12	42	5	90
3578	2018	10	12	12	30	6	86
3578	2018	10	12	12	56	4	88
3579	2018	10	12	13	32	5	88
3579	2018	10	12	13	22	5	90
3580	2018	10	12	14	20	5	88
3580	2018	10	12	14	18	4	88
3581	2018	10	12	15	8	2	88
3586	2018	10	15	13	3	25	91
3587	2018	10	15	13	32	3	91
3589	2018	10	15	15	15	4	91
3594	2018	10	16	11	49	3	84
3595	2018	10	16	12	59	4	88



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