

# VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model <b>A40G</b>	SerialNo <b>342049</b>	Operating Hours <b>6136</b>	Reading Date <b>14/08/2019</b>
Company name <b>Ascendum</b>	Dealer	Report Issuer	
Contact name	Technician <b>James Wilcox</b>	Primary Application <b>Sand, gravel and pebble</b>	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation

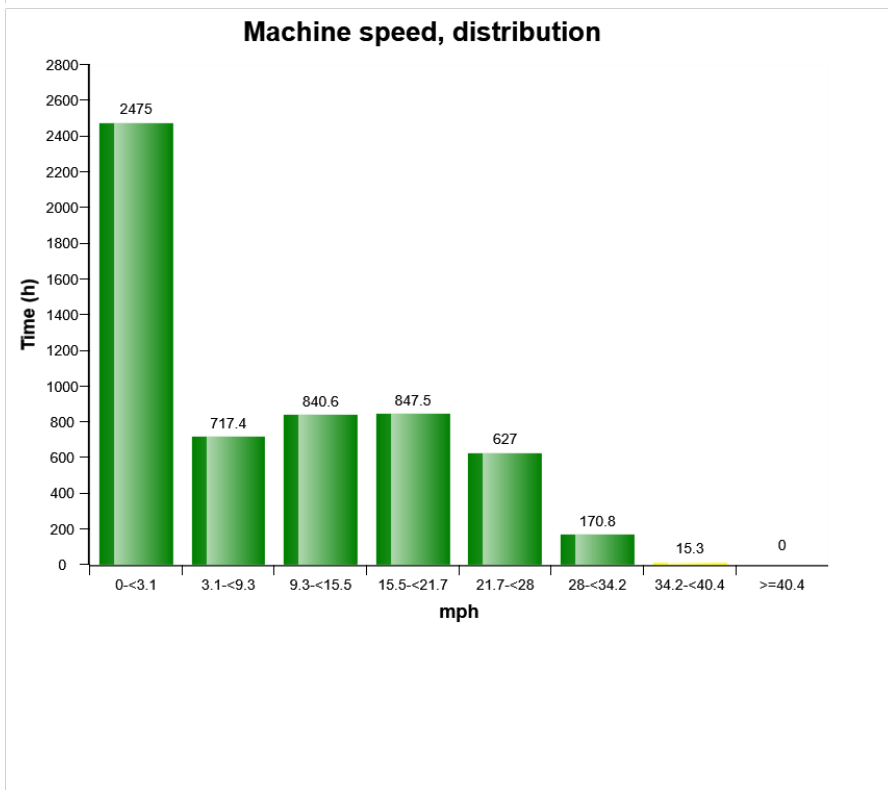
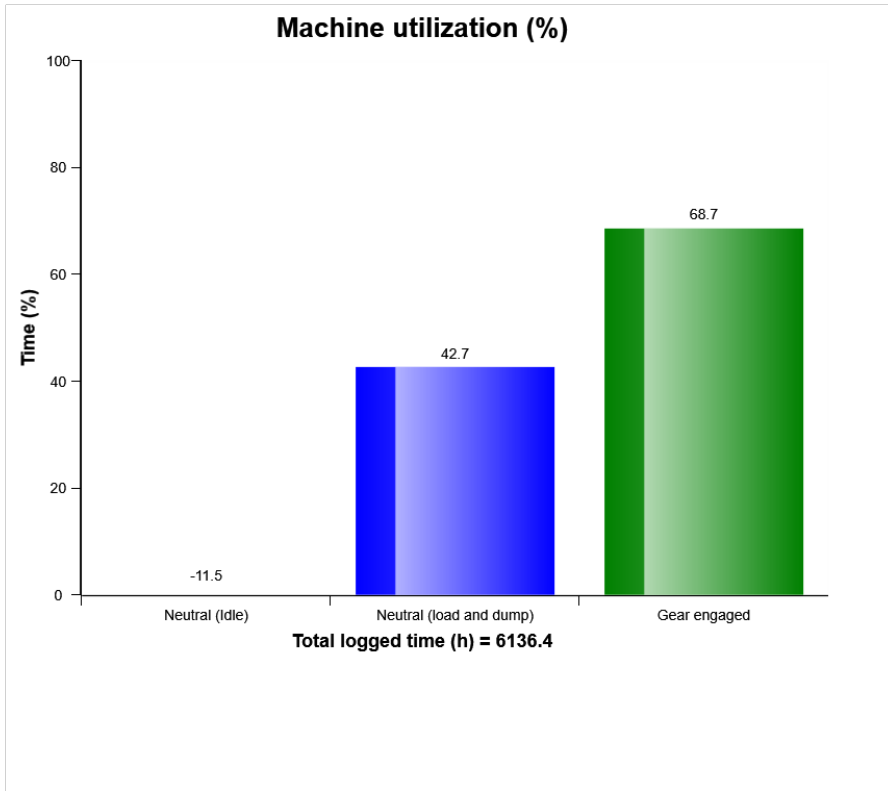


Machine model	SerialNo	Operating Hours	Reading Date
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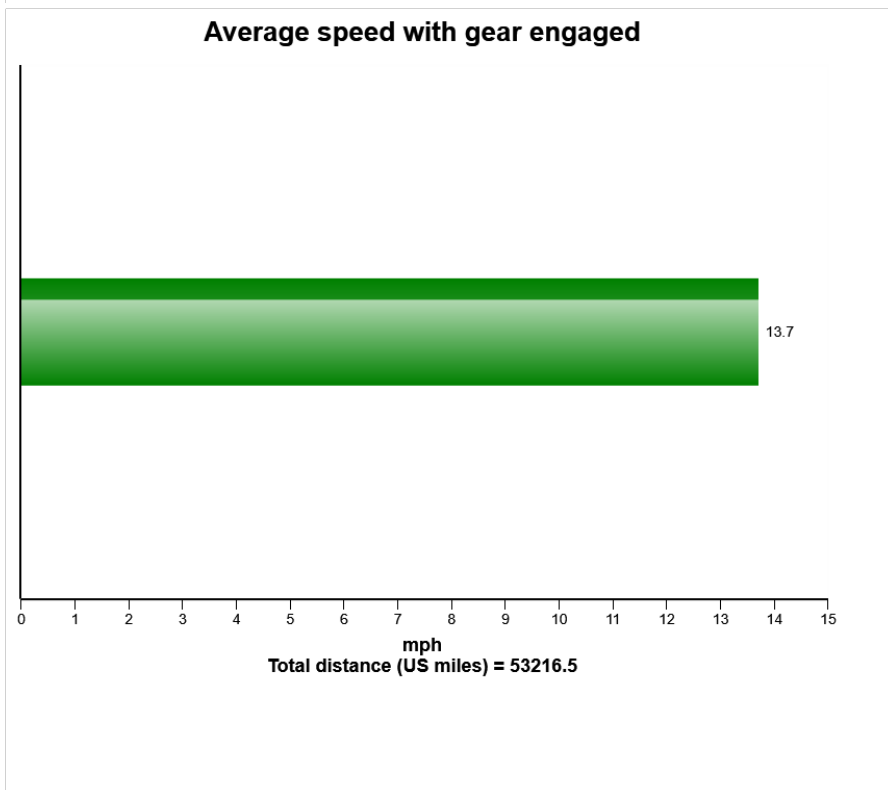
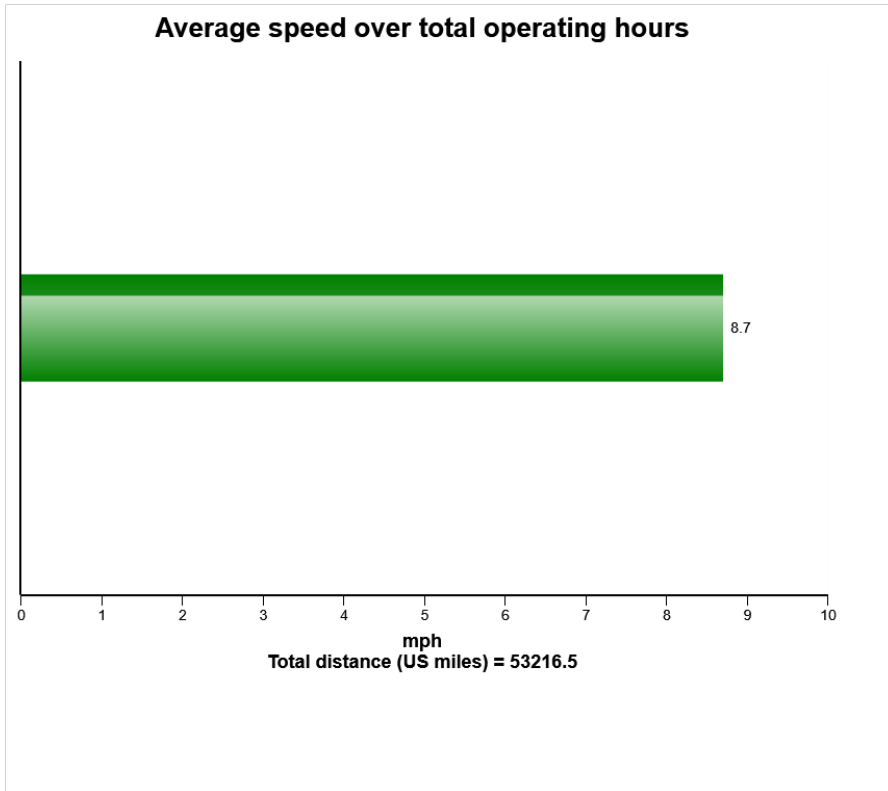
Main equipment	Type	Equipment
	Tyre size/class	Sold without tyres
	Body extensions	Not mounted
	Tail-gate	Not mounted
	Extra spillguard	Not mounted
	Wear plates	Not mounted
	Pattern	None



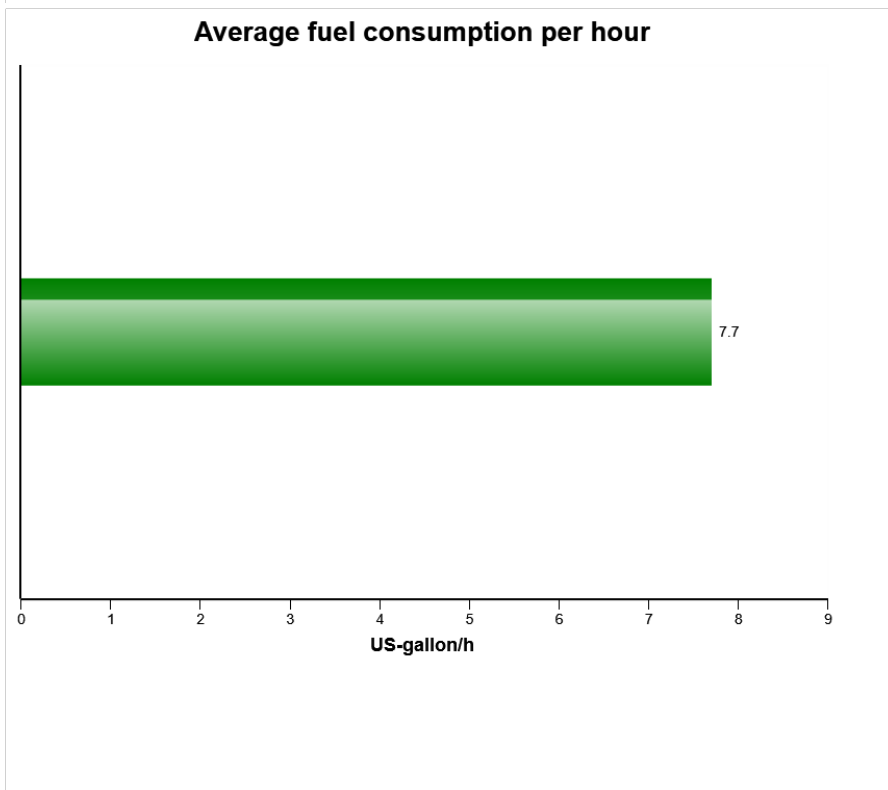
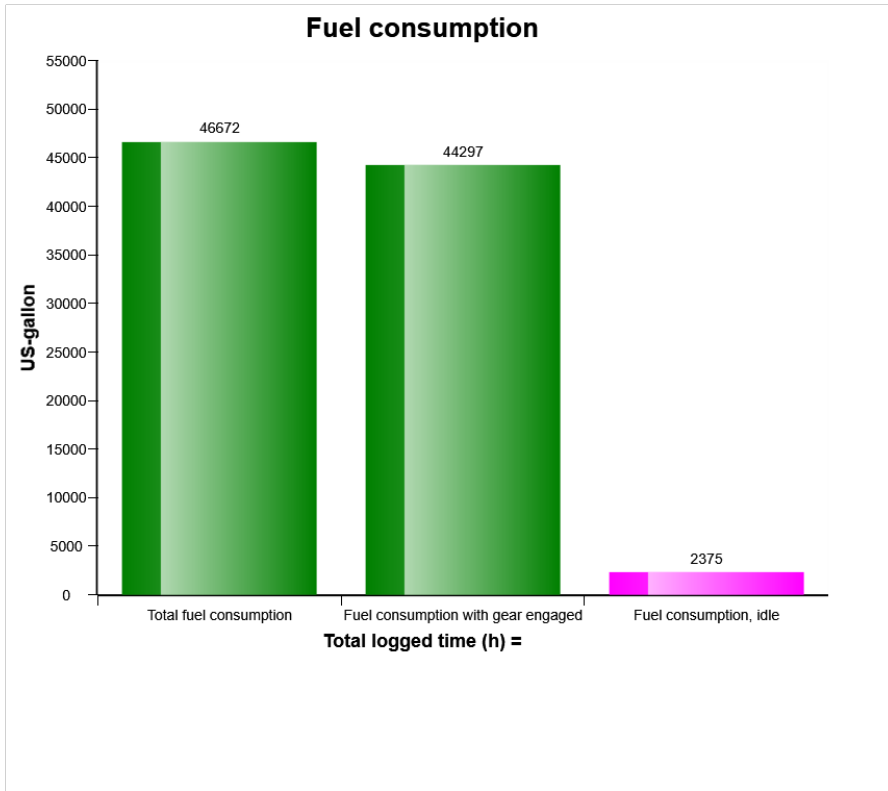
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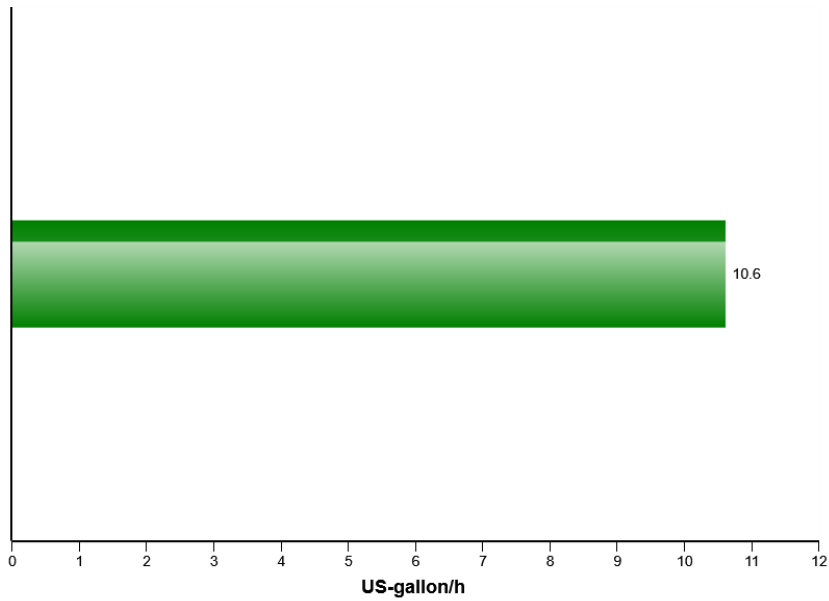


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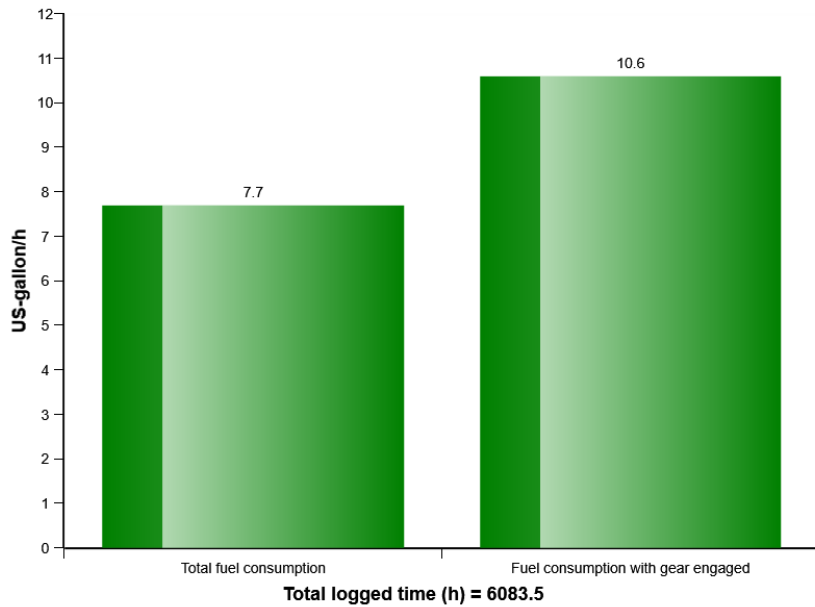


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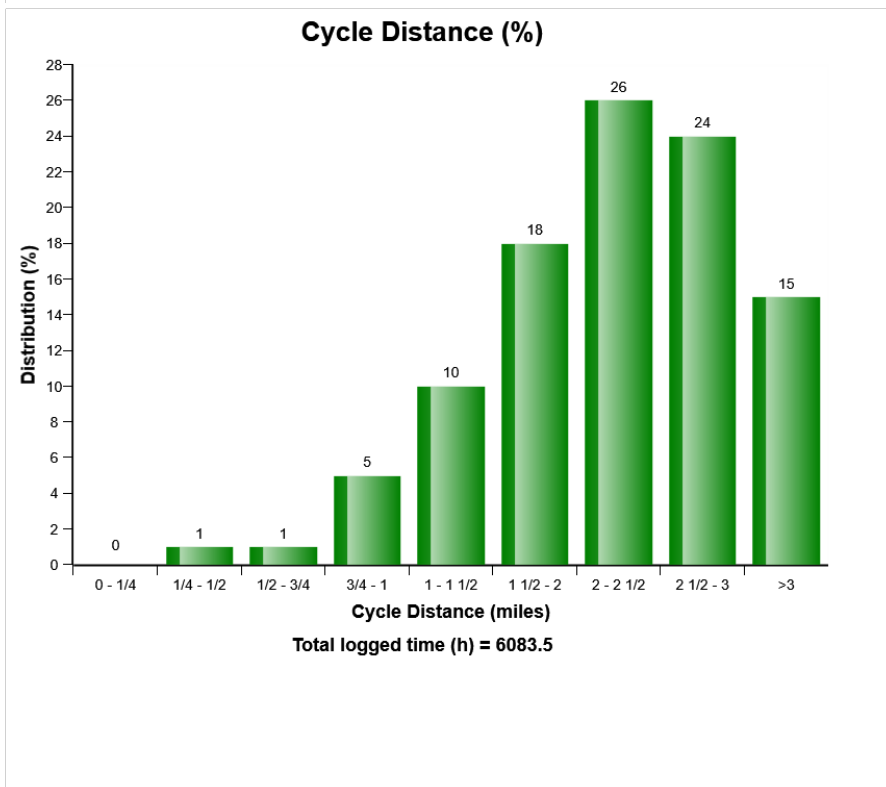
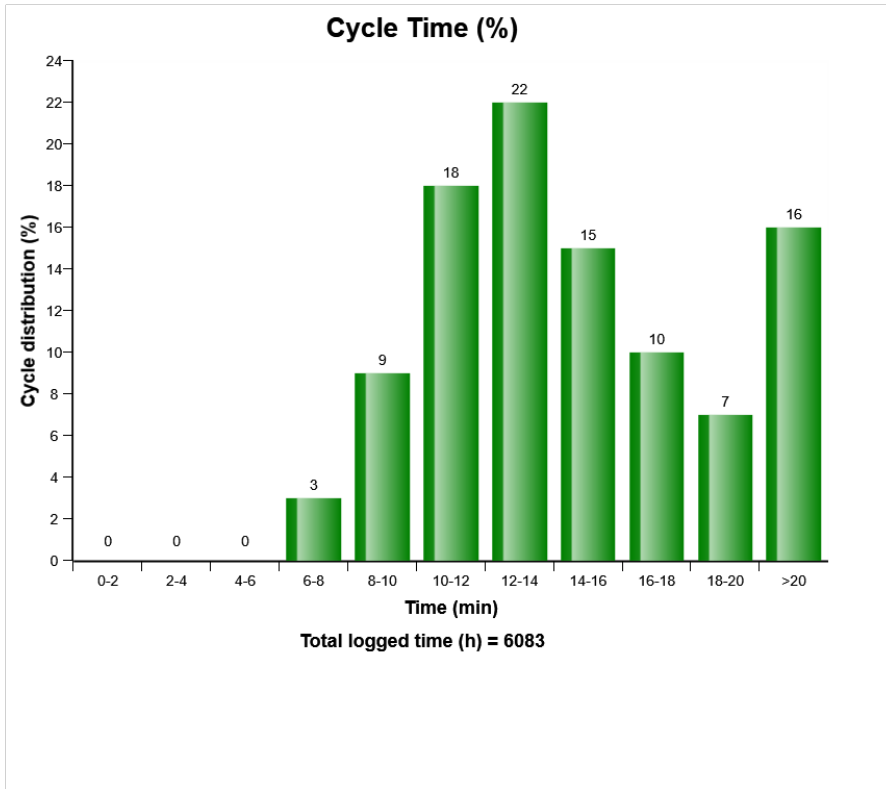
### Average fuel consumption per hour with gear engaged



### Average fuel consumption



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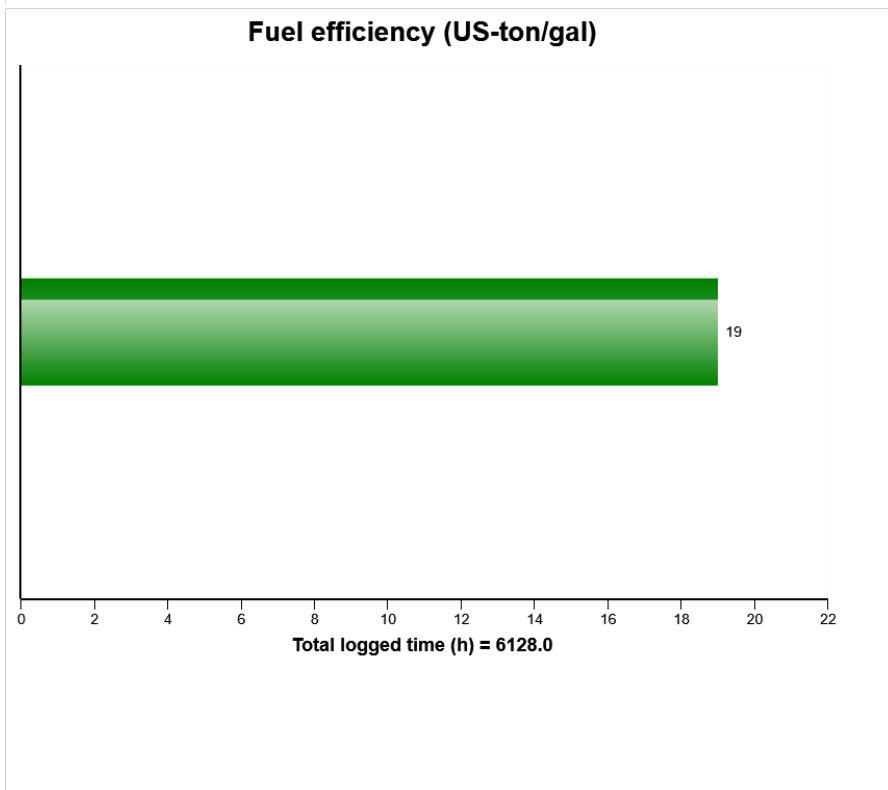
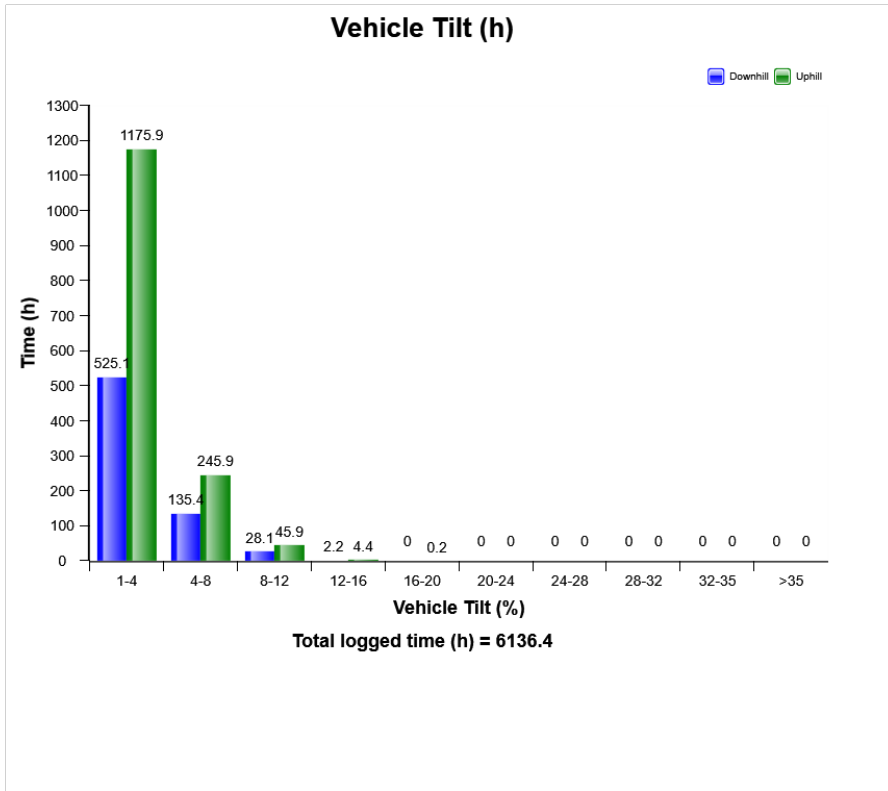
**Accumulated performance**  
**Total logged time (h) =**

<b>Total logged time (h) =</b>	6128.0
<b>Fuel consumption (US-gallons)</b>	46685
<b>Production (ton,US)</b>	887435
<b>Ton/h</b>	144.8
<b>Ton/gal</b>	19.0
<b>Fuel efficiency (US Gal/ton)</b>	0.05
<b>Number of cycles</b>	21262
<b>Cycles overloaded (%)</b>	9
<b>Load utilisation / cycle (%)</b>	97

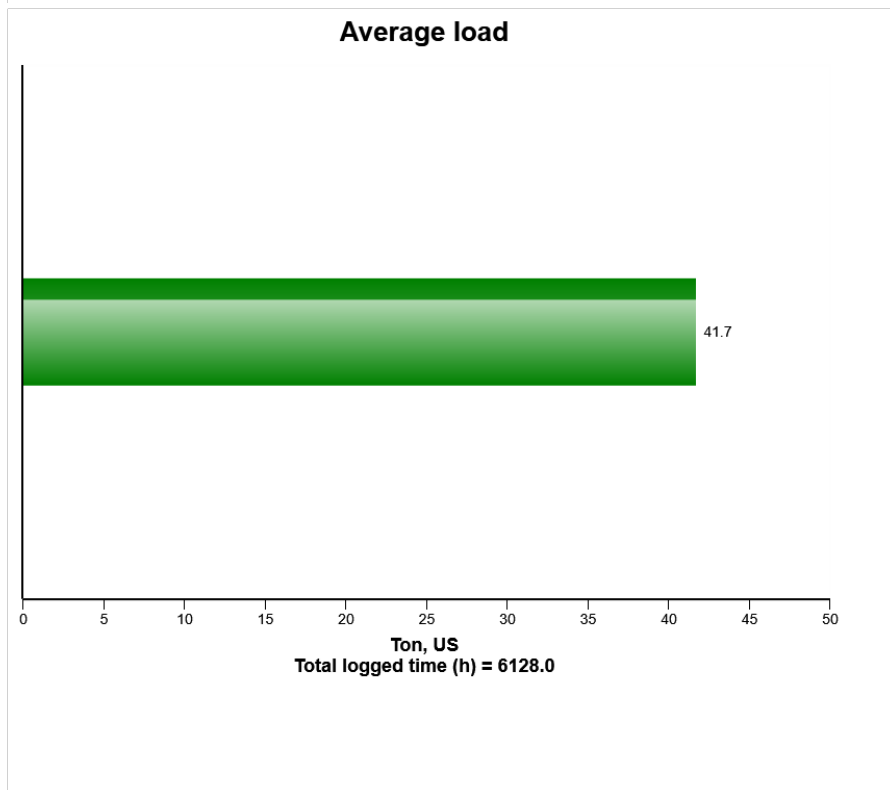
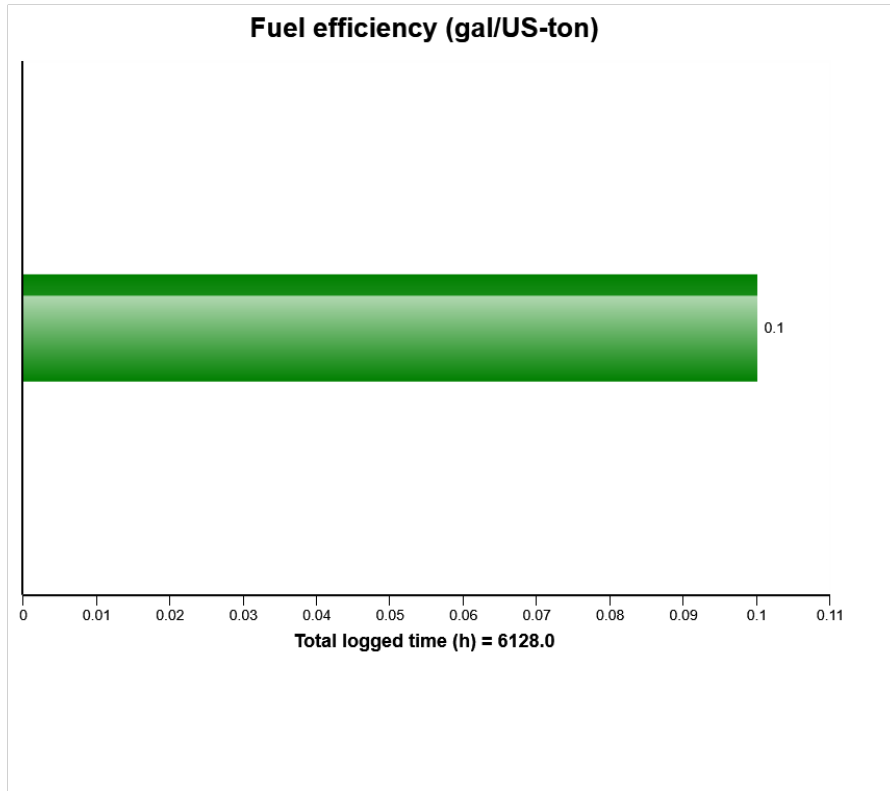




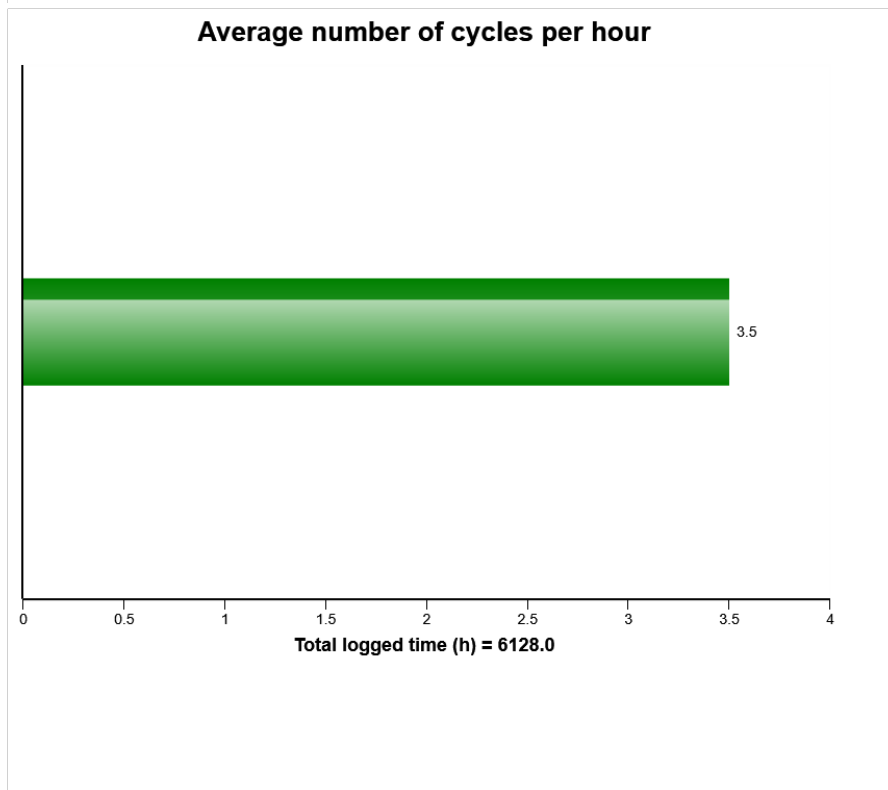
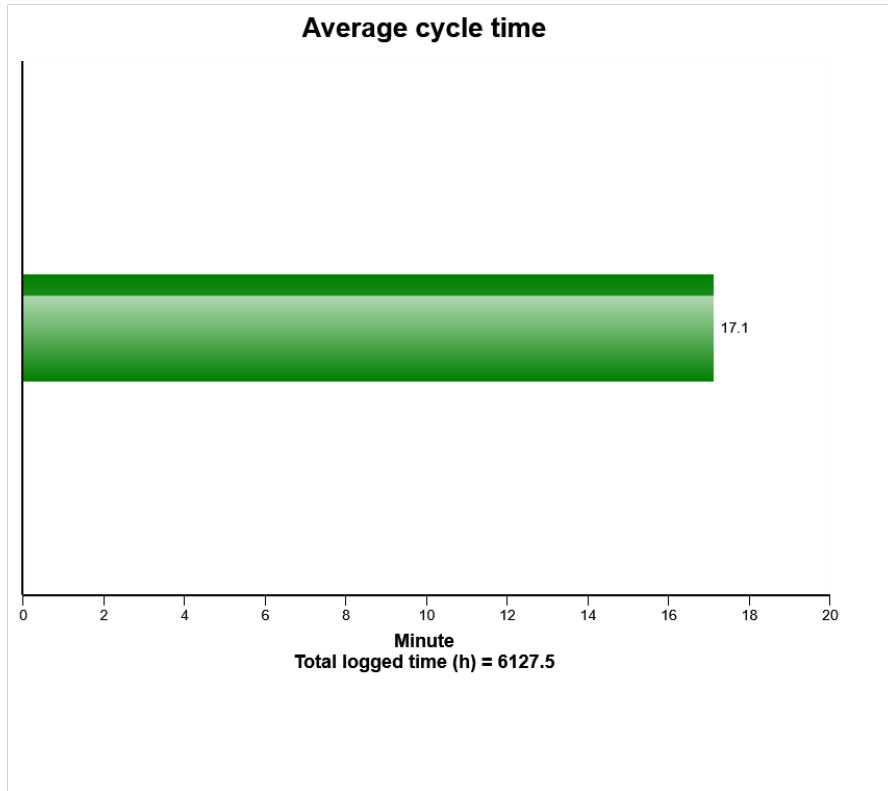
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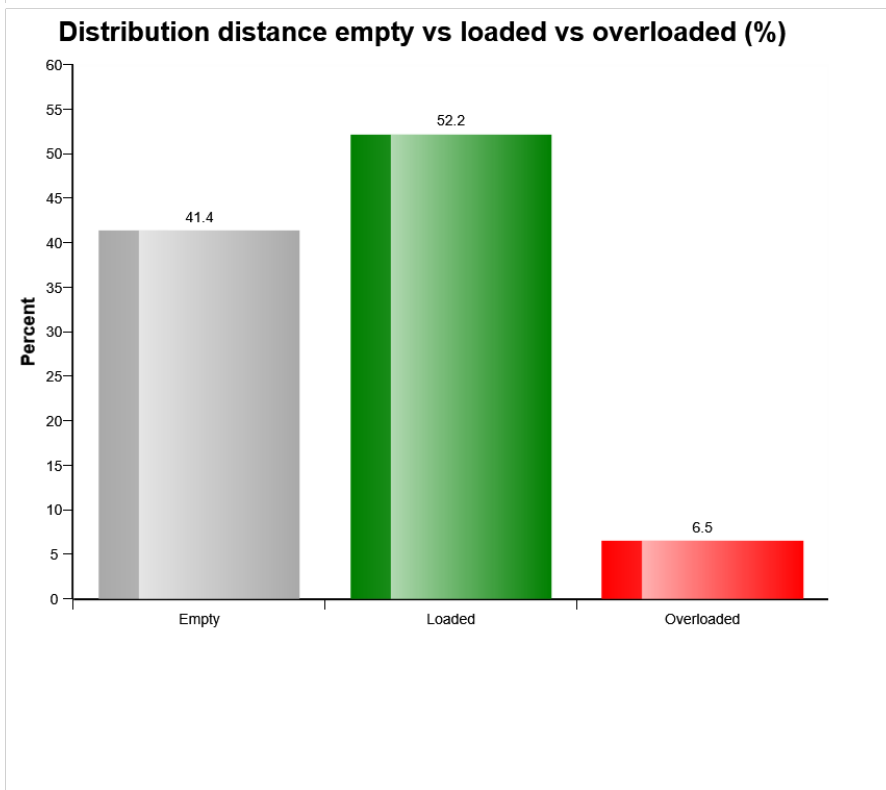
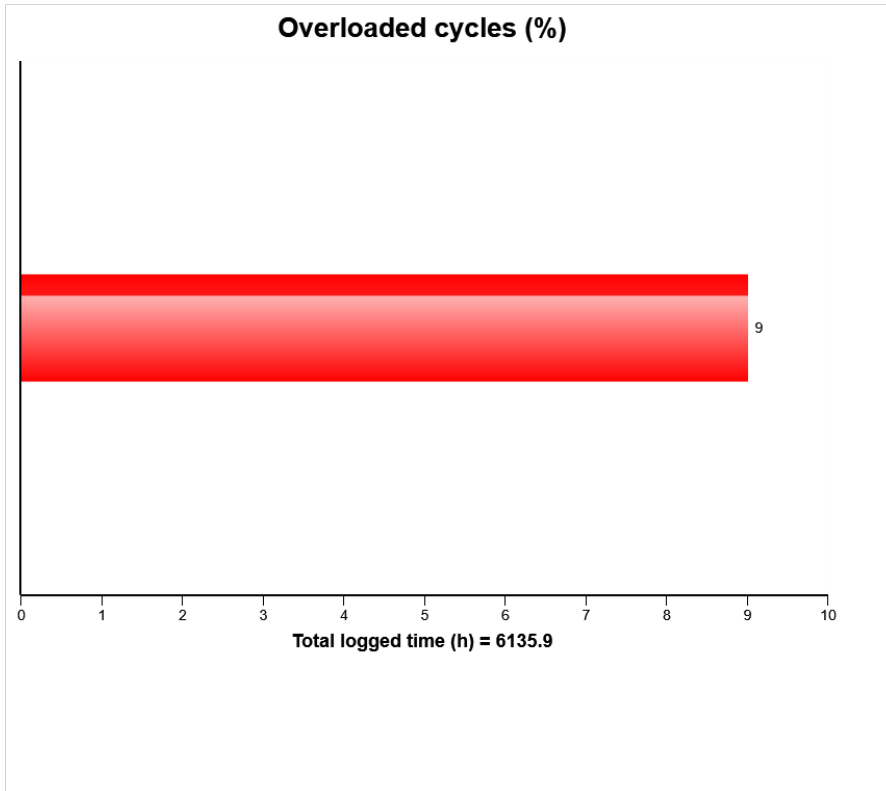
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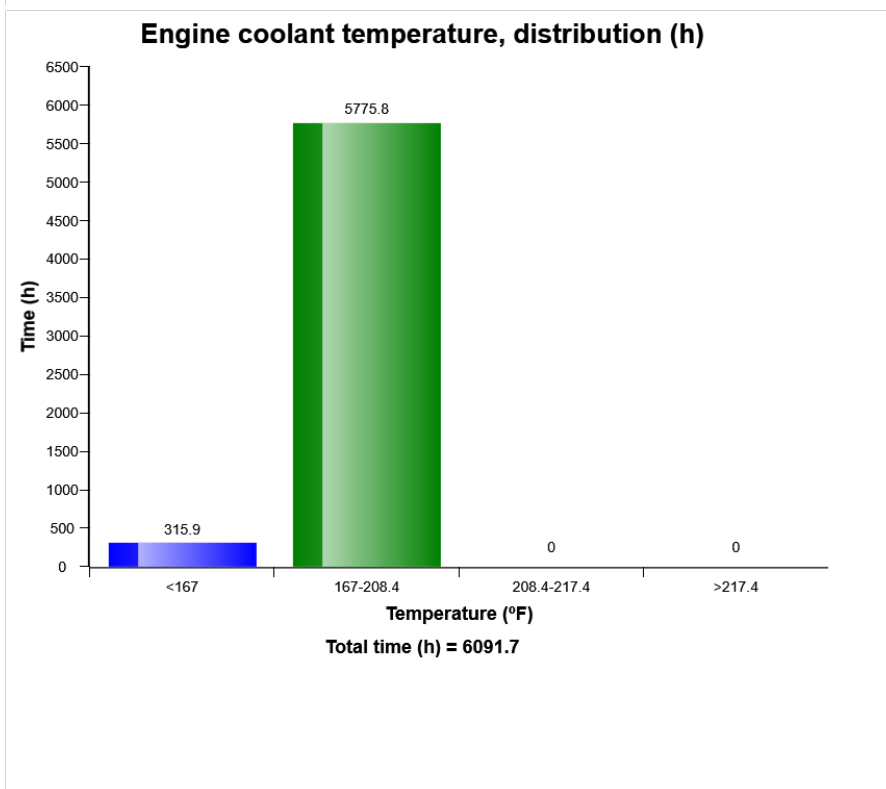
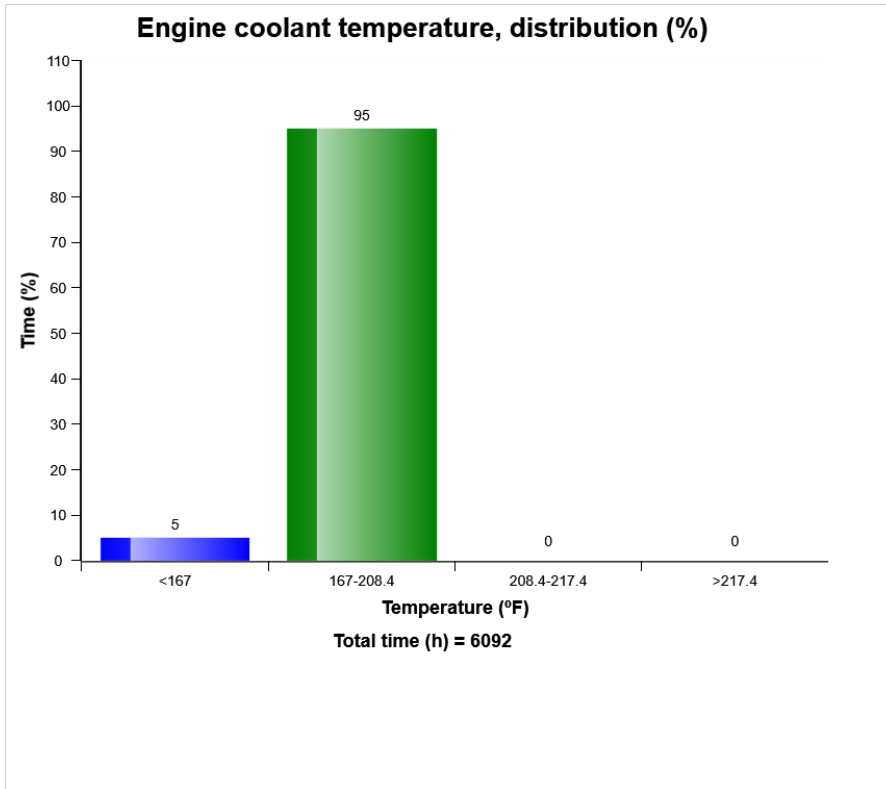
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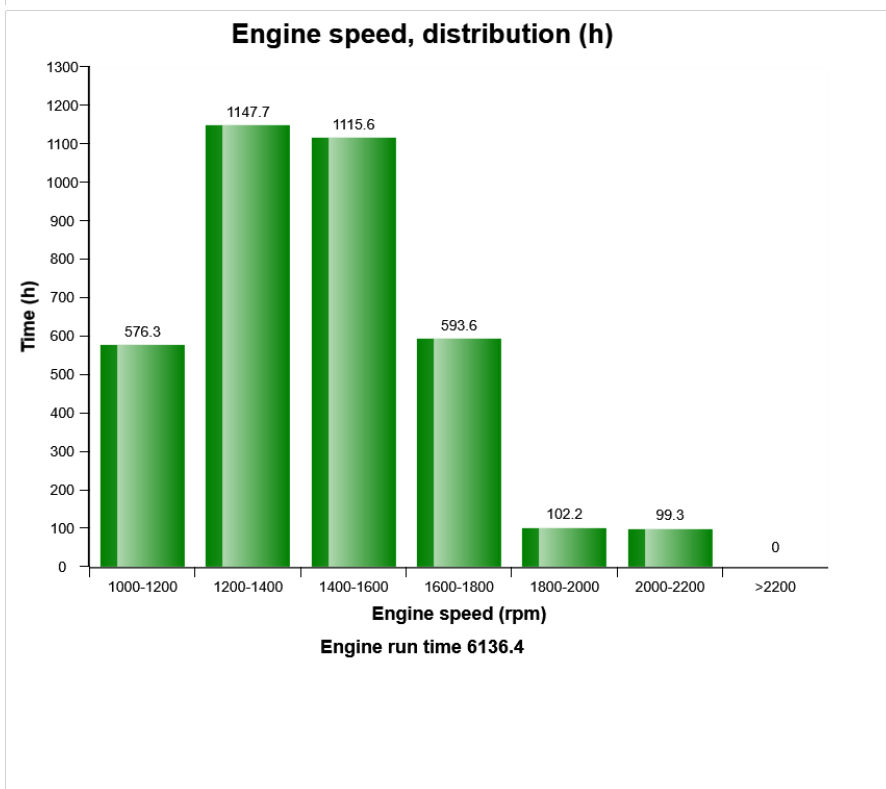
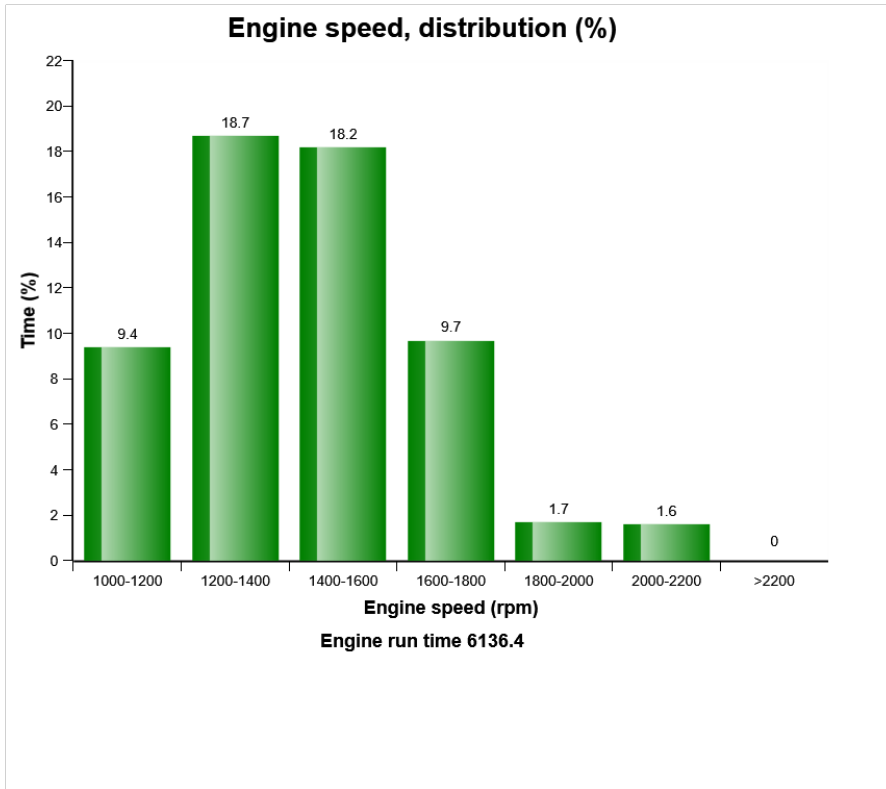
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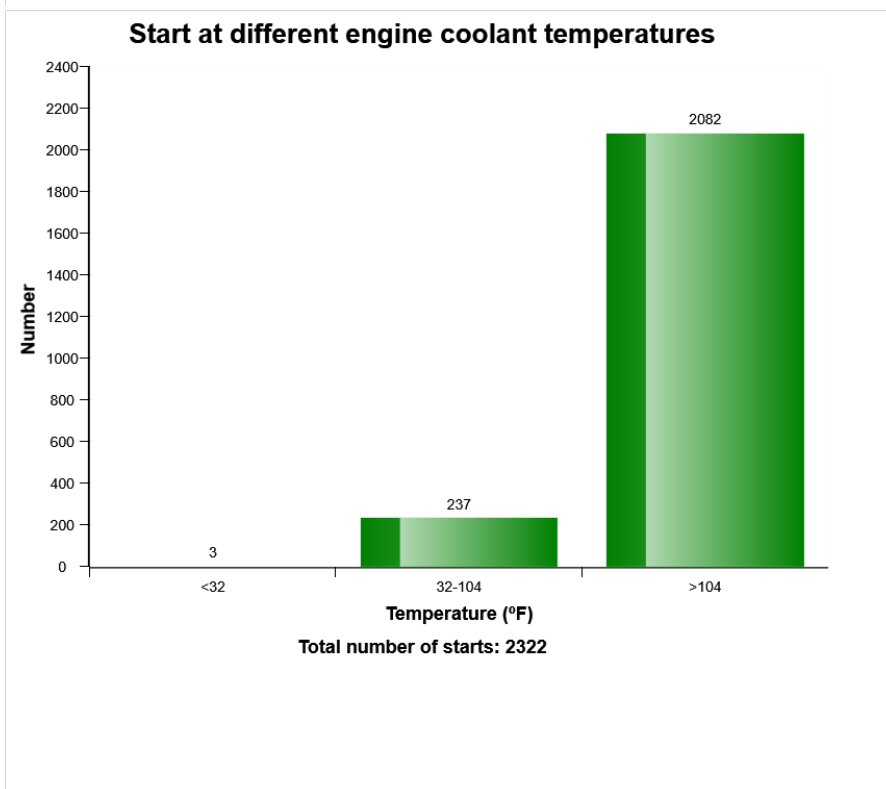
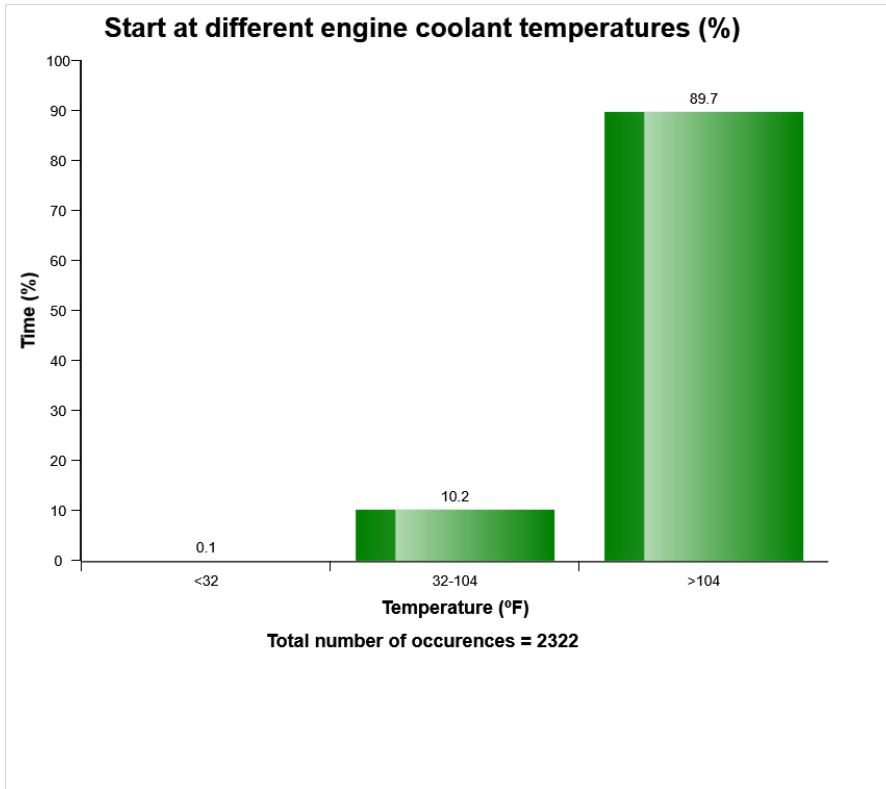
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**High engine coolant temperature  
Total number of occurrences = 0**

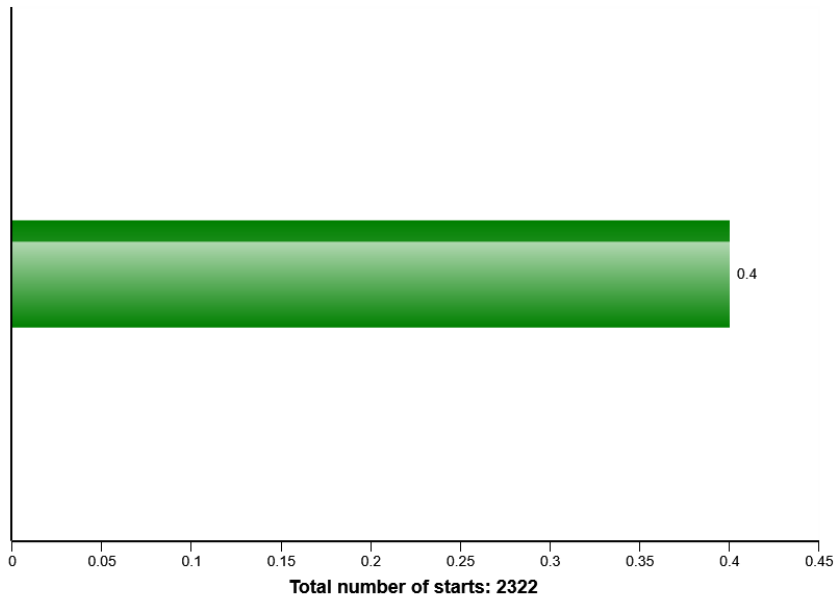
	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° F)
<b>A</b>	0	2000	0	0	0	0	0	32
<b>B</b>	0	2000	0	0	0	0	0	32
<b>C</b>	0	2000	0	0	0	0	0	32
<b>D</b>	0	2000	0	0	0	0	0	32
<b>E</b>	0	2000	0	0	0	0	0	32
<b>F</b>	0	2000	0	0	0	0	0	32
<b>G</b>	0	2000	0	0	0	0	0	32
<b>H</b>	0	2000	0	0	0	0	0	32
<b>I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



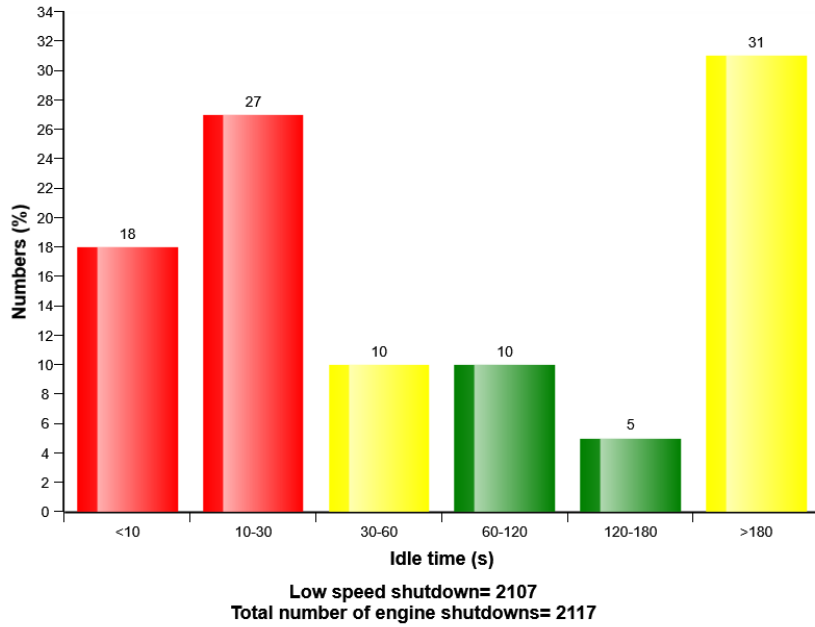


Machine model	SerialNo	Operating Hours	Reading Date
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### Average number of starts per hour



### 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)
<b>A</b>	0	2000	0	0	0	0	0	32
<b>B</b>	0	2000	0	0	0	0	0	32
<b>C</b>	0	2000	0	0	0	0	0	32
<b>D</b>	0	2000	0	0	0	0	0	32
<b>E</b>	0	2000	0	0	0	0	0	32
<b>F</b>	0	2000	0	0	0	0	0	32
<b>G</b>	0	2000	0	0	0	0	0	32
<b>H</b>	0	2000	0	0	0	0	0	32
<b>I</b>	0	2000	0	0	0	0	0	32
<b>J</b>	0	2000	0	0	0	0	0	32







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**Regeneration ignored**  
**Total number of ignored regenerations 25**

	Op hours	Year	Month	Day	Hour	Minute	Duration (min)
*	6006	2018	11	11	7	24	0
*	6006	2018	11	14	7	19	2
*	6006	2018	11	15	12	18	4
*	6006	2018	11	15	12	39	5
*	6014	2019	1	7	22	12	4
*	6018	2019	1	8	6	28	89
*	6076	2019	3	26	22	23	1
*	6076	2019	3	26	23	2	0
*	6078	2019	3	27	0	39	1
*	6091	2019	4	17	9	32	18
*	6091	2019	3	28	11	13	1
*	6091	2019	3	28	8	7	7
*	6091	2019	3	28	7	56	11
*	6092	2019	5	23	13	51	0
*	6092	2019	7	5	22	23	6
*	6092	2019	7	5	18	37	2
*	6092	2019	7	3	22	41	1
*	6092	2019	7	3	22	21	19
*	6092	2019	4	30	12	4	2
*	6092	2019	4	30	12	6	2



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**Regeneration aborted**  
**Total number of occurrences = 30**

Op hours	Year	Month	Day	Hour	Minute	Reason
6015	2019	1	7	23	57	1
6018	2019	1	8	2	18	1
6025	2019	1	8	13	33	1
6026	2019	1	8	16	0	1
6030	2019	1	9	9	51	1
6032	2019	1	9	12	2	1
6053	2019	1	11	14	7	1
6054	2019	1	11	15	40	1
6054	2019	1	11	16	24	1
6056	2019	1	14	7	53	1
6063	2019	1	14	16	44	1
6068	2019	3	26	14	54	1
6069	2019	3	26	15	45	1
6072	2019	3	26	18	55	1
6080	2019	3	27	6	52	1
6080	2019	3	27	2	22	1
6081	2019	3	27	7	46	1
6085	2019	3	27	11	55	1
6089	2019	3	27	16	53	1
6090	2019	3	28	6	50	1



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**Regeneration duration**  
**Total number of occurrences = 82**

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
6068	2019	3	26	14	51	4
6068	2019	3	26	15	0	45
6070	2019	3	26	16	27	38
6071	2019	3	26	17	8	36
6072	2019	3	26	18	57	38
6072	2019	3	26	18	37	18
6073	2019	3	26	19	38	34
6075	2019	3	26	21	15	69
6076	2019	3	26	22	24	37
6078	2019	3	27	0	10	67
6080	2019	3	27	2	20	2
6080	2019	3	27	6	48	5
6080	2019	3	27	7	0	46
6083	2019	3	27	10	18	54
6084	2019	3	27	11	23	31
6085	2019	3	27	12	6	55
6087	2019	3	27	14	52	56
6089	2019	3	27	16	20	33
6090	2019	3	28	6	58	59
6090	2019	3	28	6	28	21





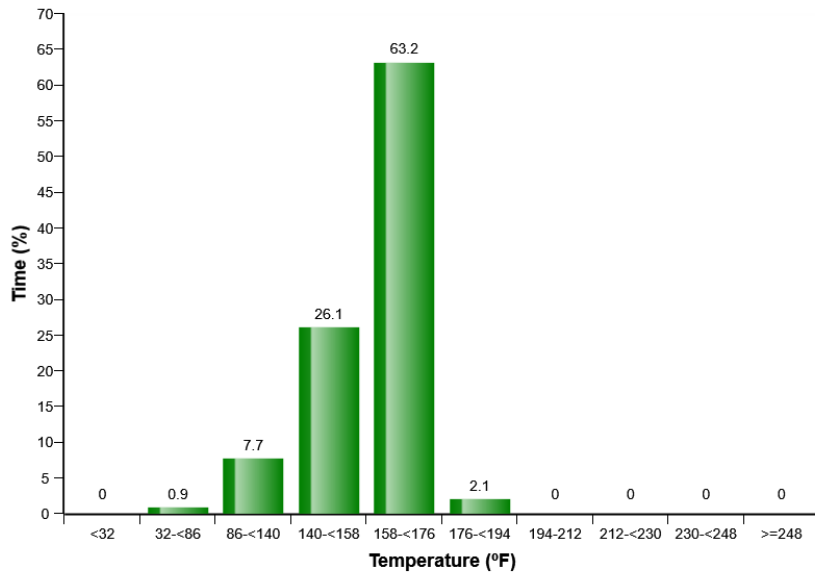




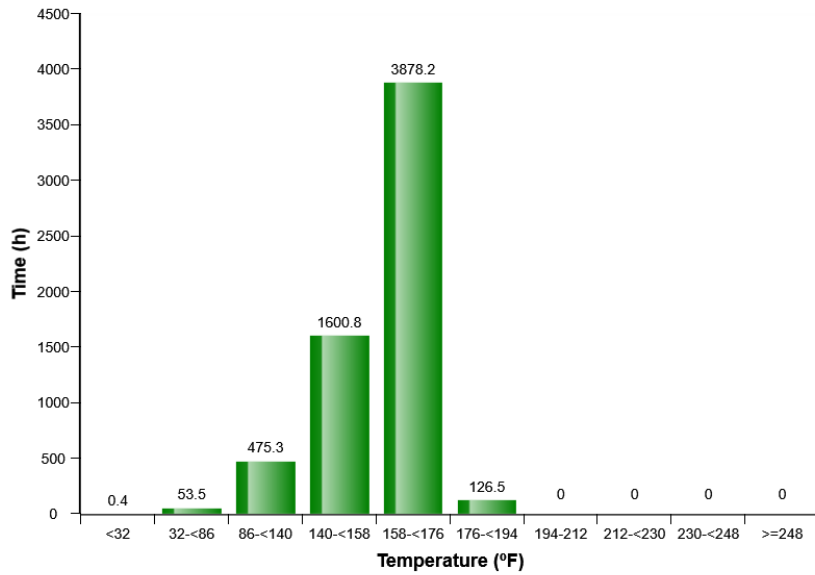


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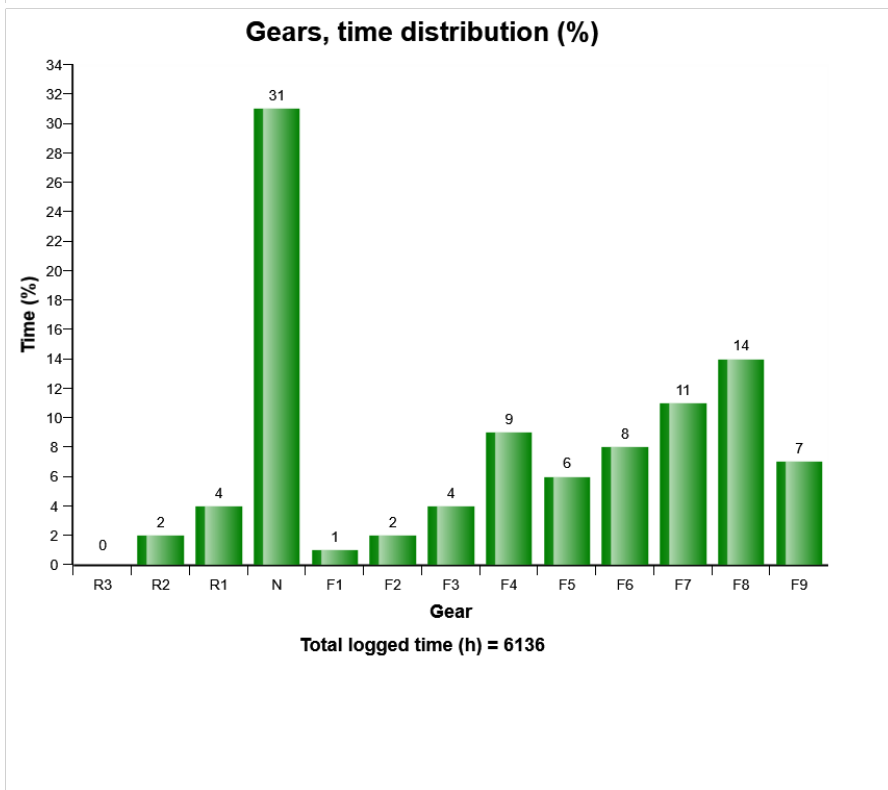
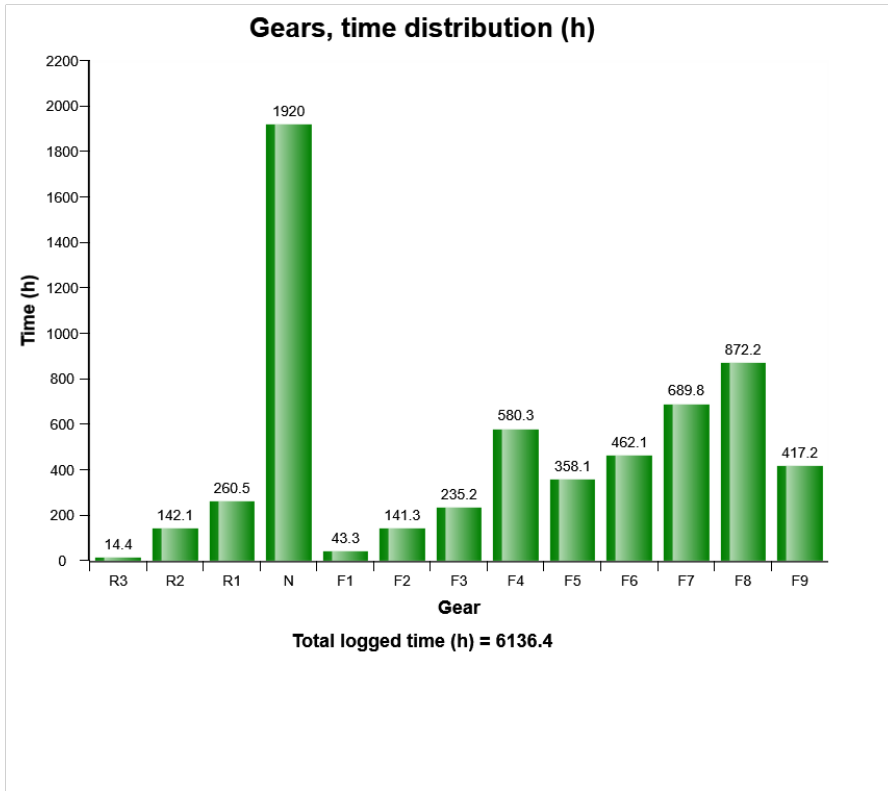
**Transmission oil, temperature distribution (%)**



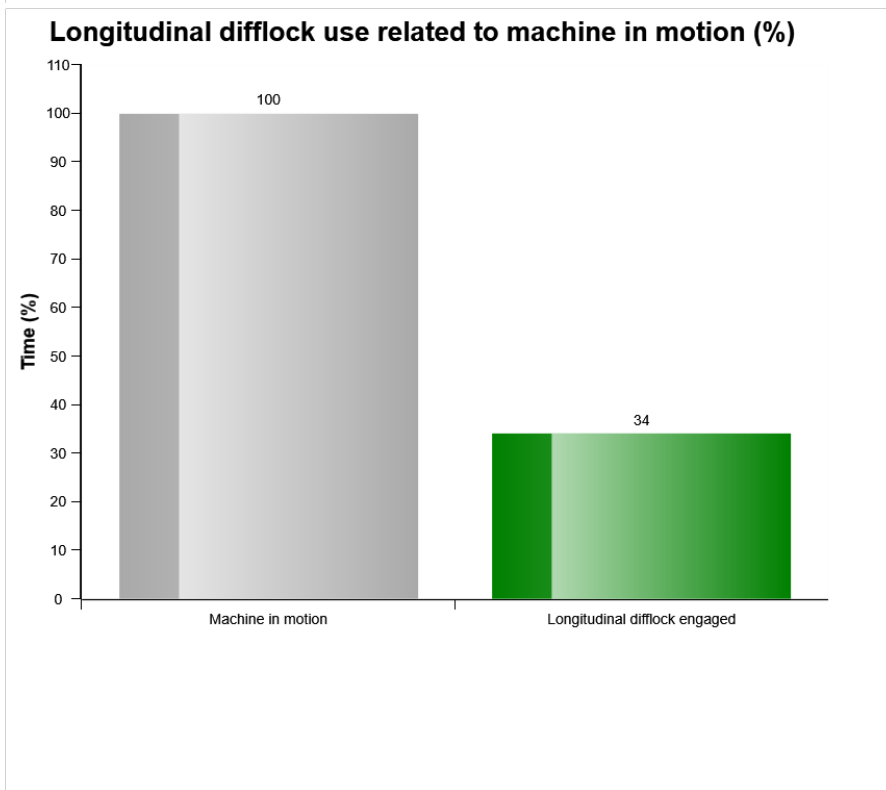
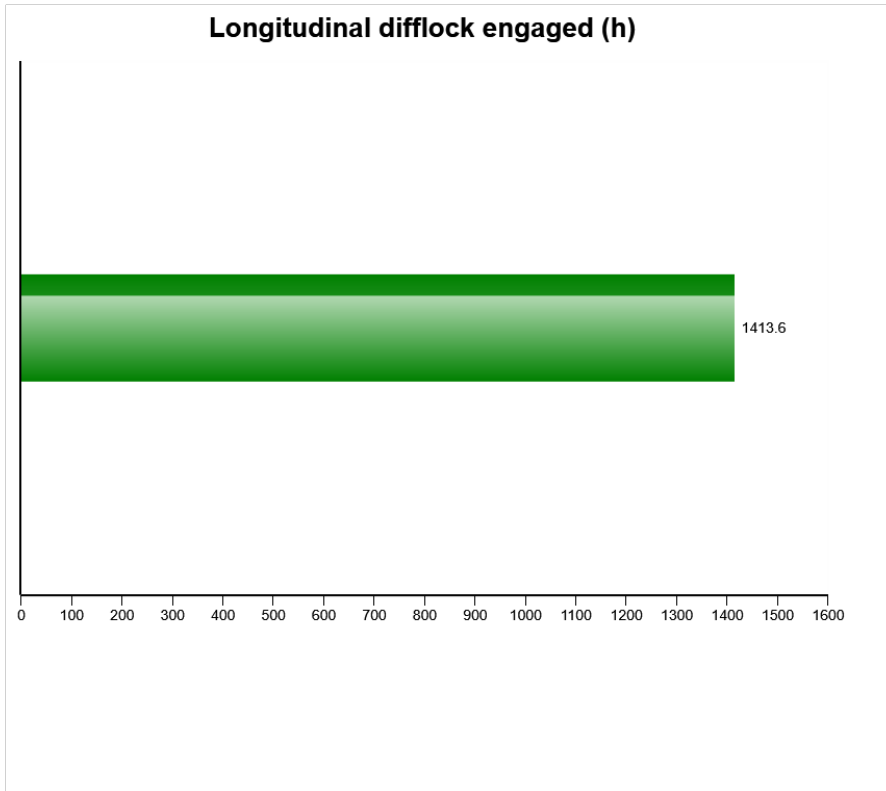
**Transmission oil, temperature distribution (h)**



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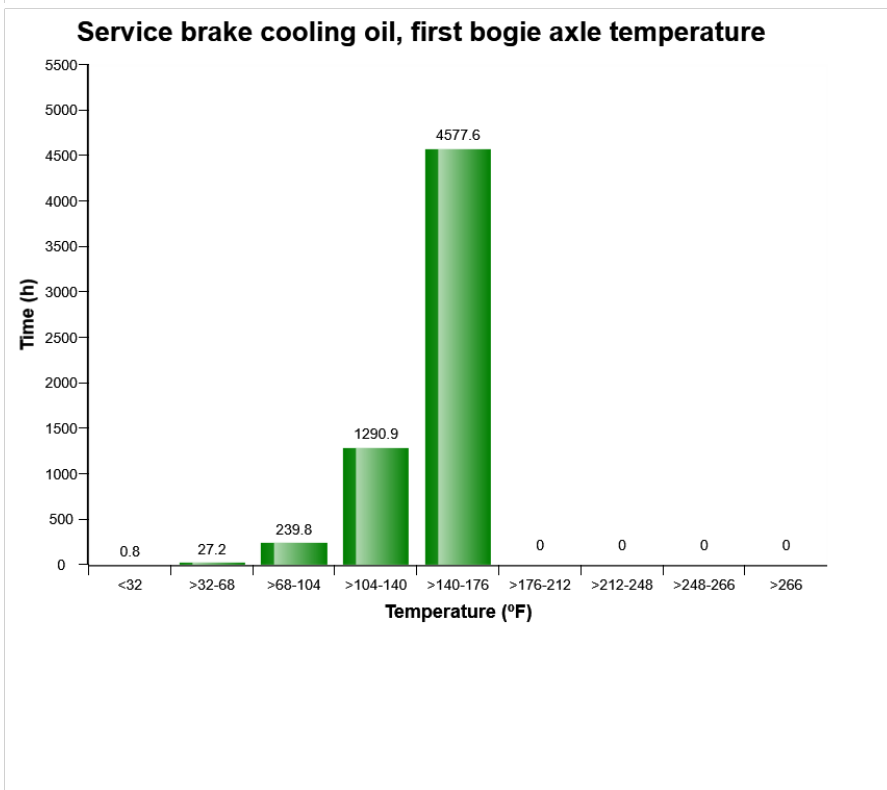
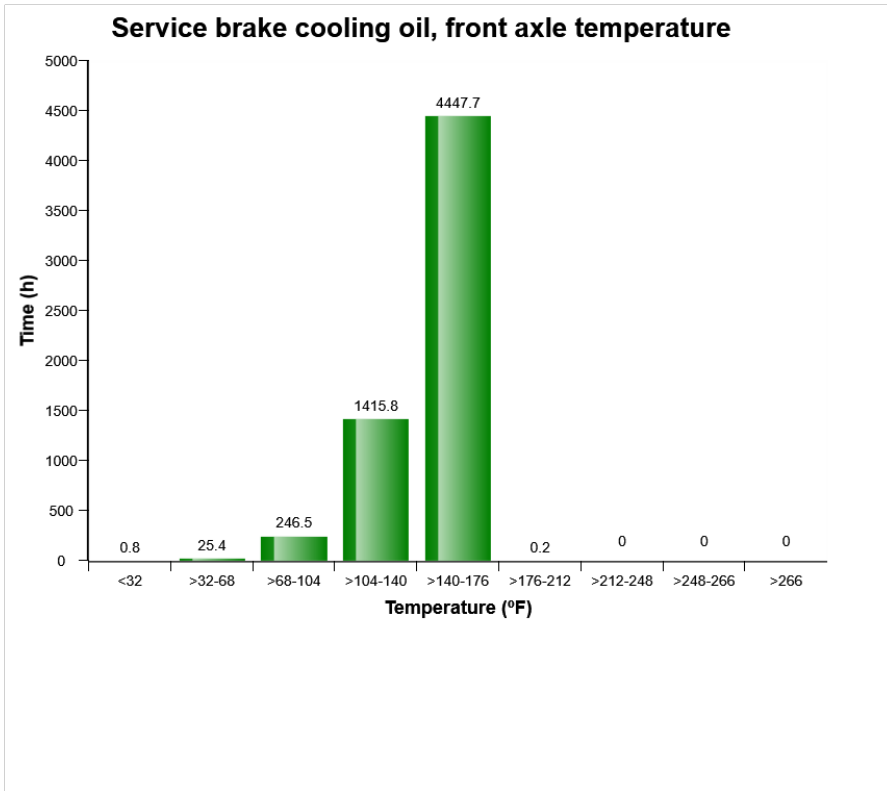


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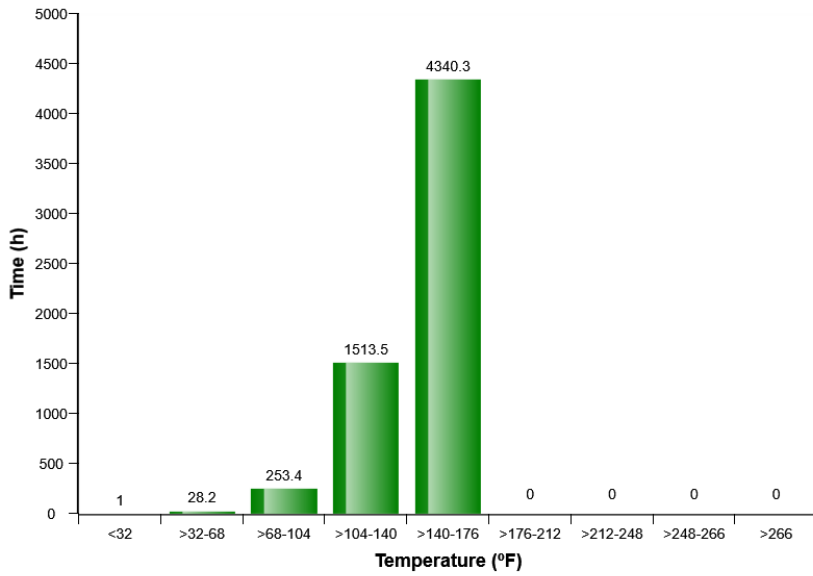


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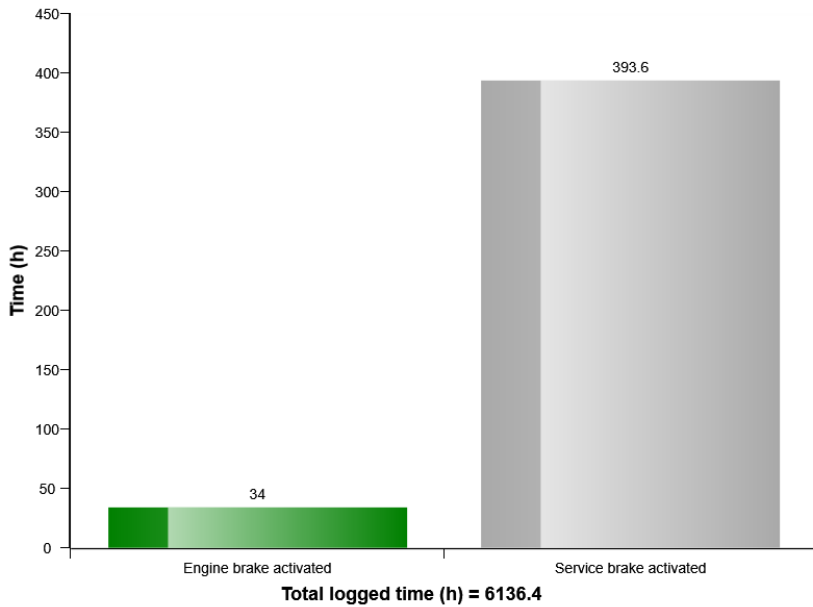


Machine model	SerialNo	Operating Hours	Reading Date
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### Service brake cooling oil, second bogie axle temperature



### Brake Usage (h)





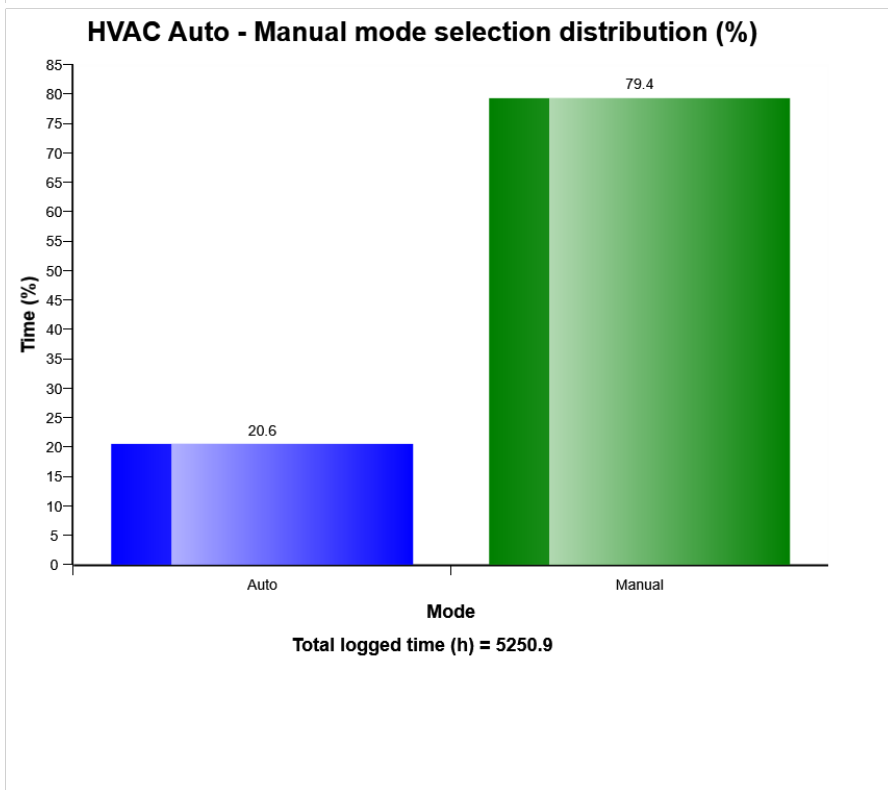
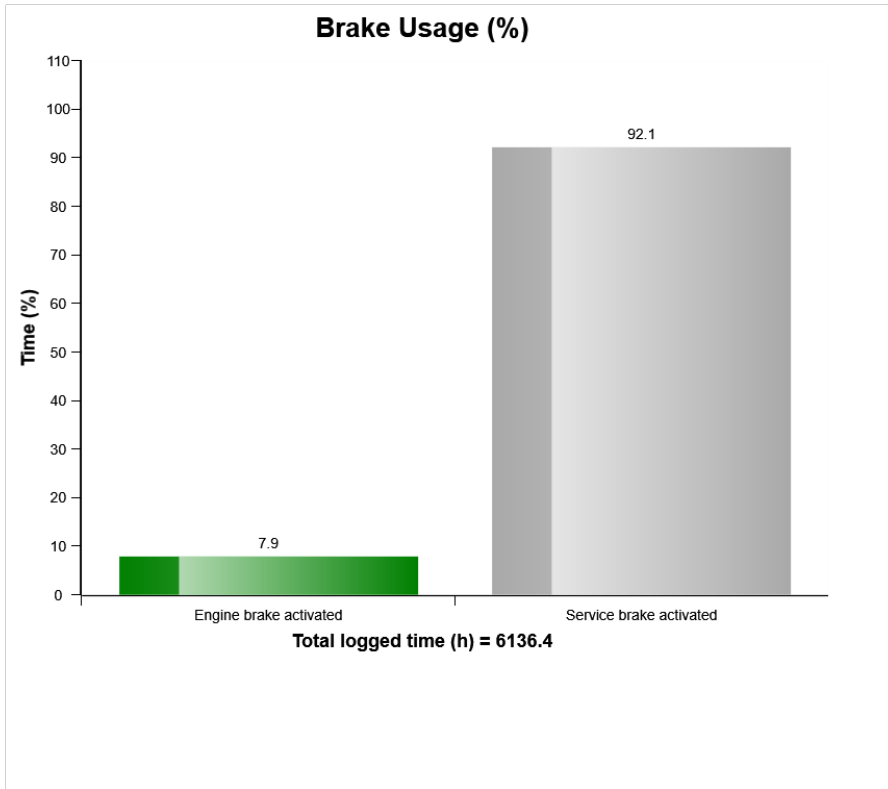
Machine model	SerialNo	Operating Hours	Reading Date
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**Low Brake Servo Pressure**  
**Total number of occurrences = 1**

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (psi)
<b>B</b>	0	2000	0	0	0	0	0	0
<b>C</b>	0	2000	0	0	0	0	0	0
<b>D</b>	0	2000	0	0	0	0	0	0
<b>E</b>	0	2000	0	0	0	0	0	0
<b>F</b>	0	2000	0	0	0	0	0	0
<b>G</b>	0	2000	0	0	0	0	0	0
<b>H</b>	0	2000	0	0	0	0	0	0
<b>I</b>	0	2000	0	0	0	0	0	0
<b>J</b>	0	2000	0	0	0	0	0	0
<b>A</b>	632	2017	8	30	6	31	10	1537

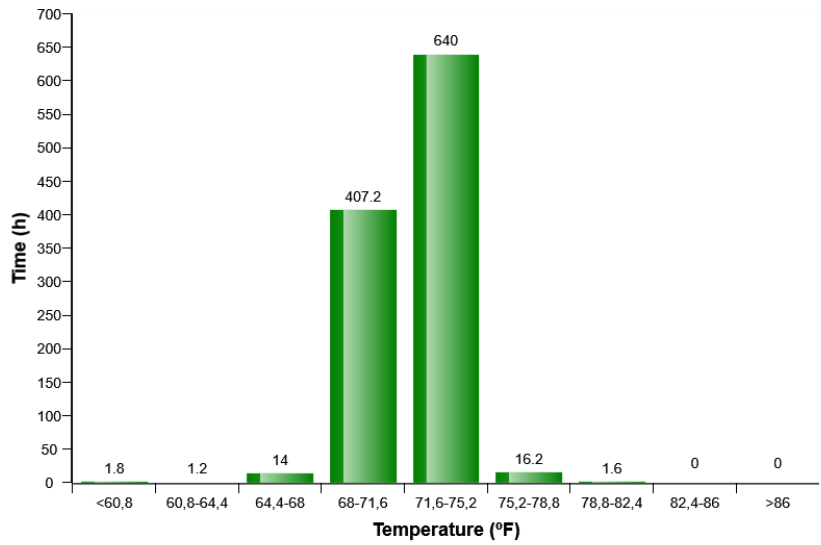


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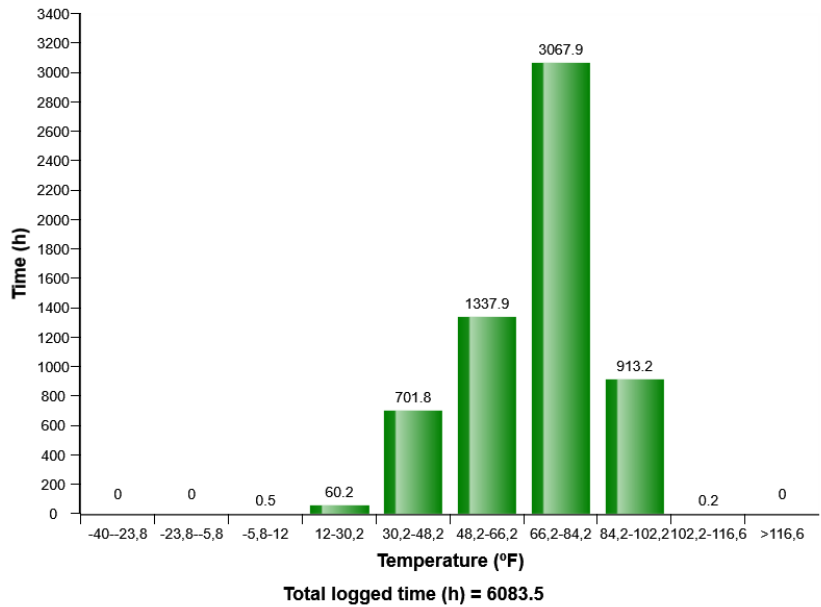


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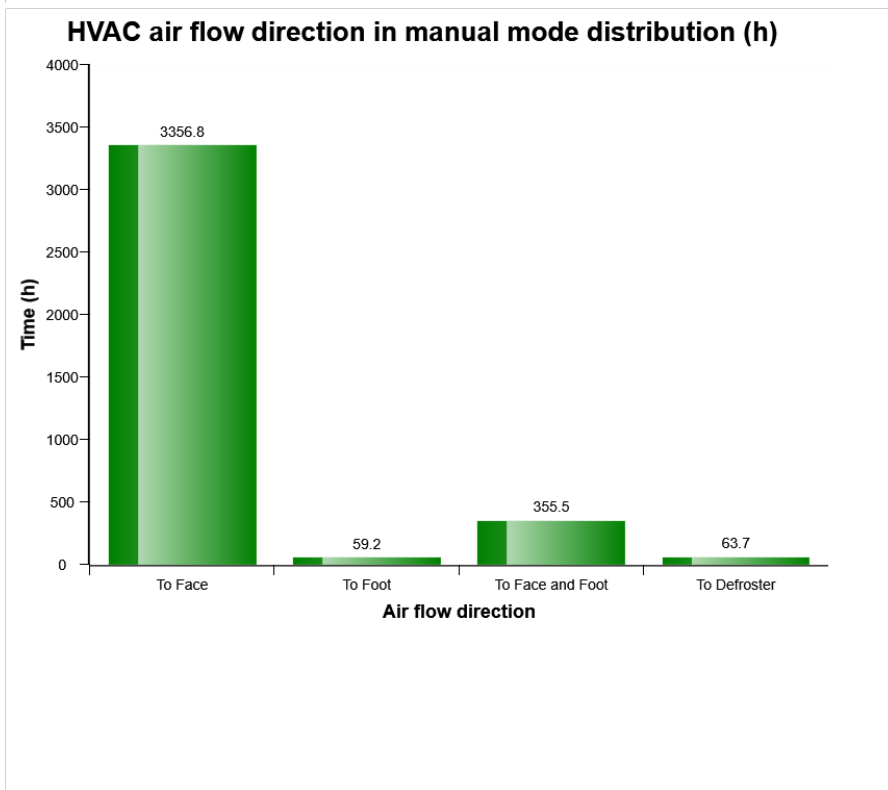
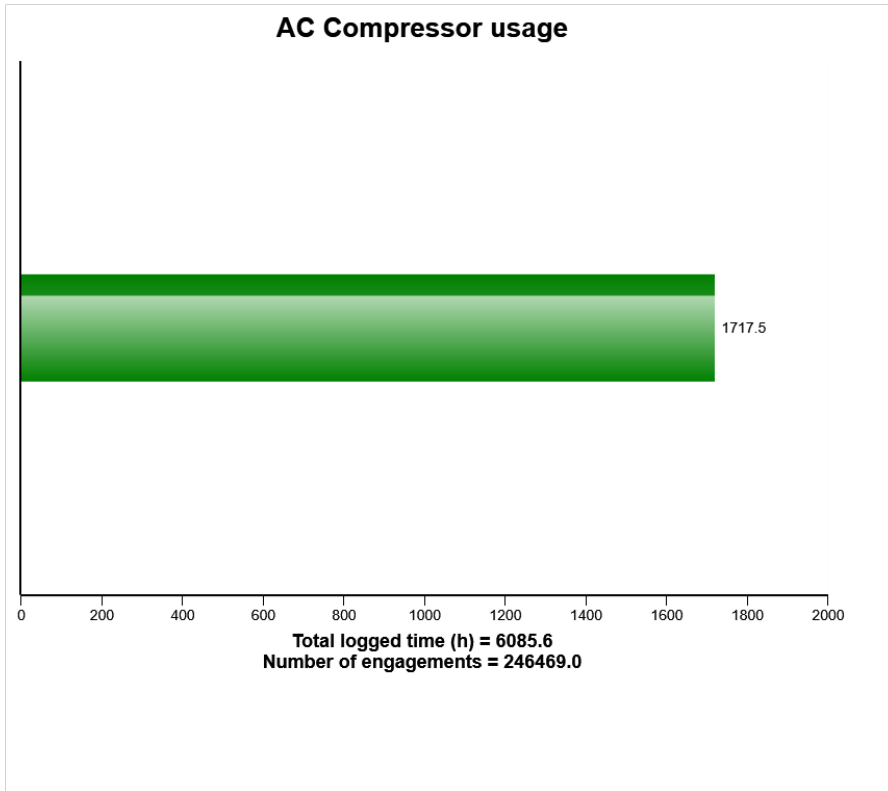
### HVAC air temperature setting in auto control mode distribution (h)



### Machine ambient temperature distribution (h)



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**AC High Pressure**  
**Total number of occurrences = 233**

Op hours	Year	Month	Day	Hours	Minute	Duration (sec)	Extreme (° F)
5774	2018	8	30	18	8	42	91
5775	2018	8	30	19	45	13	86
5790	2018	8	31	14	10	34	95
5924	2018	9	7	14	43	7	90
5943	2018	9	8	14	23	17	88
5944	2018	9	8	14	54	23	88
6021	2018	9	26	11	54	27	81
6023	2018	9	26	13	48	18	84
6024	2018	9	26	15	13	42	88
6024	2018	9	26	14	36	19	86
6039	2018	9	27	13	39	25	88
6039	2018	9	27	13	27	44	88
6039	2018	9	27	13	11	37	88
6040	2018	9	27	14	30	86	88
6040	2018	9	27	14	3	12	88
6040	2018	9	27	14	15	42	88
6040	2018	9	27	14	52	74	90
6054	2002	10	25	7	47	6	50
6054	2002	10	25	7	49	6	50
6075	2019	1	9	12	8	-511361780	52

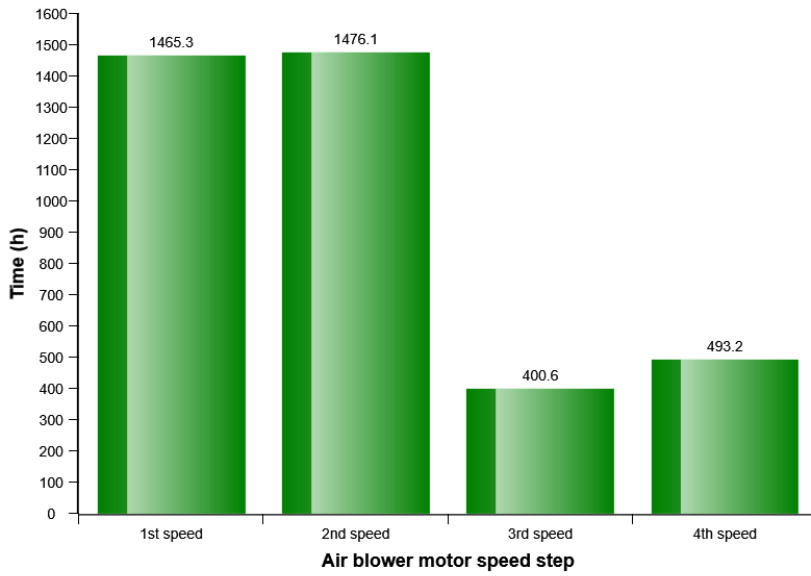




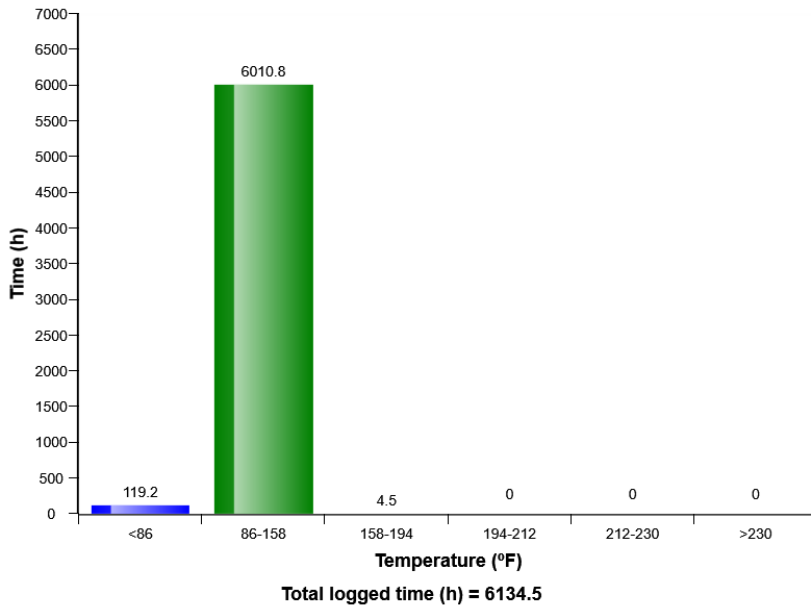


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### HVAC air blower motor speed in manual mode distribution (h)



### Hydraulic oil, temperature distribution (h)





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