

VOLVO CONSTRUCTION EQUIPMENT
MATRIS REPORT

Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
Company name VCES	Dealer	Report Issuer	
Contact name	Technician Tilden Swallow	Primary Application Rehandling	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation



Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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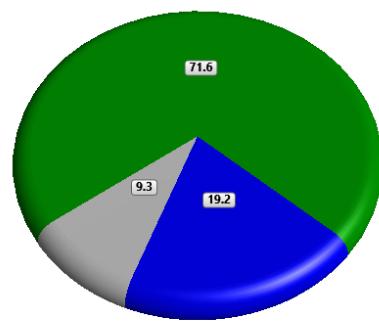
Main equipment	Type	Equipment
	Tyre size/class	
	Main Attachment	
	Extra Counterweight	
	Ballast	
	Chains	
	Boom Suspension System	
	Attachment Interface	
	Volume m3 (yd3) / Area m2 (ft2)	
	Attachment make	



Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

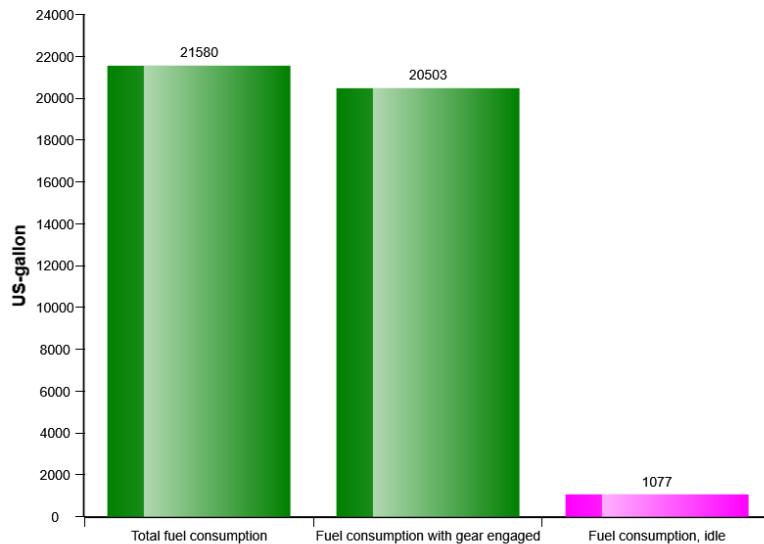
Machine utilization (%)

Machine in motion Machine in working mode Idling

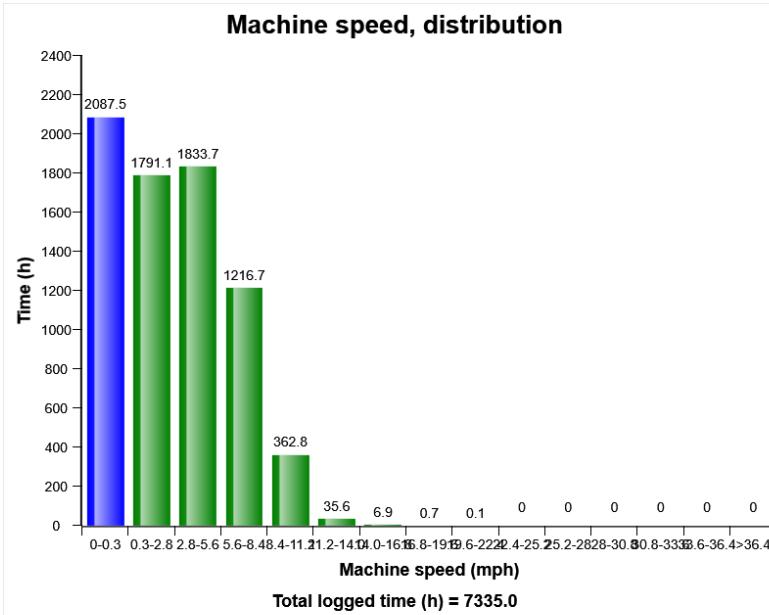
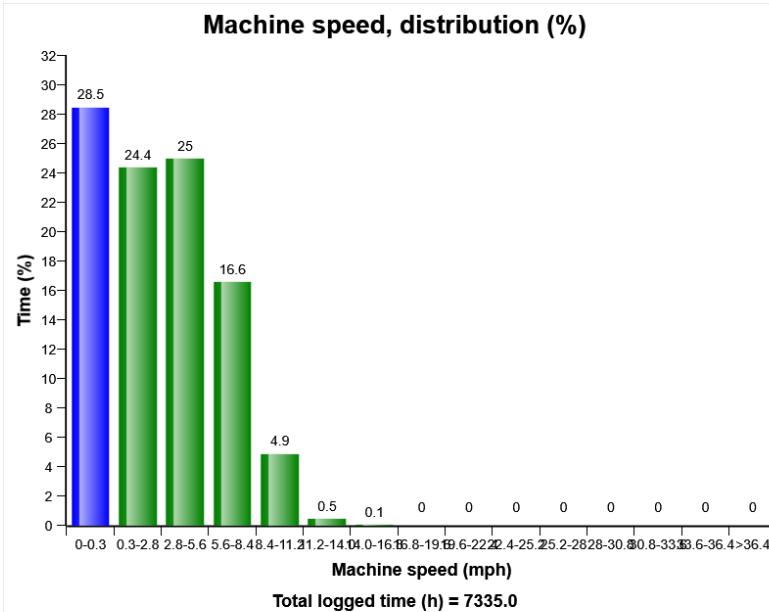


Total time (h) = 7335.0

Fuel consumption

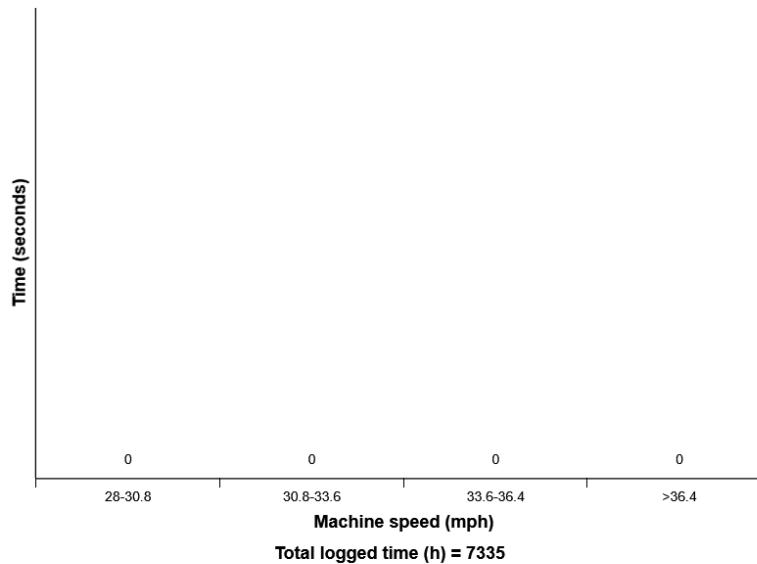


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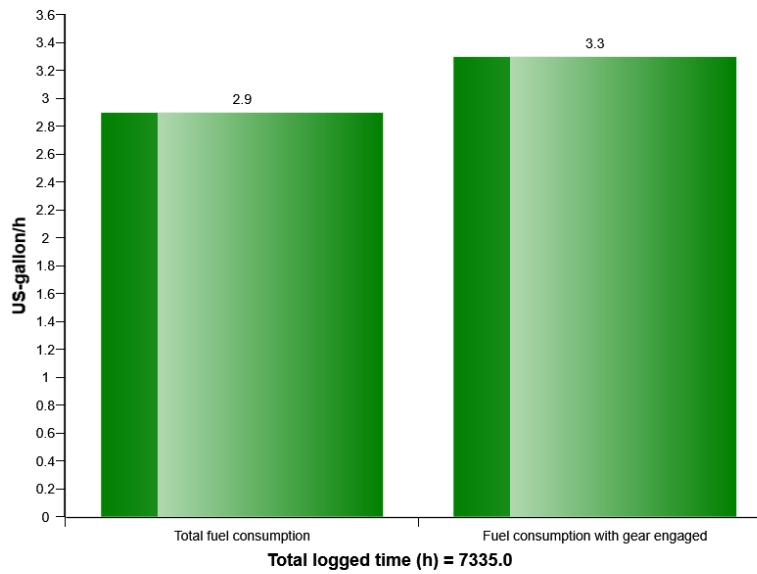


Machine model	SerialNo	Operating Hours	Reading Date
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Machine overspeed >45 km/h distribution

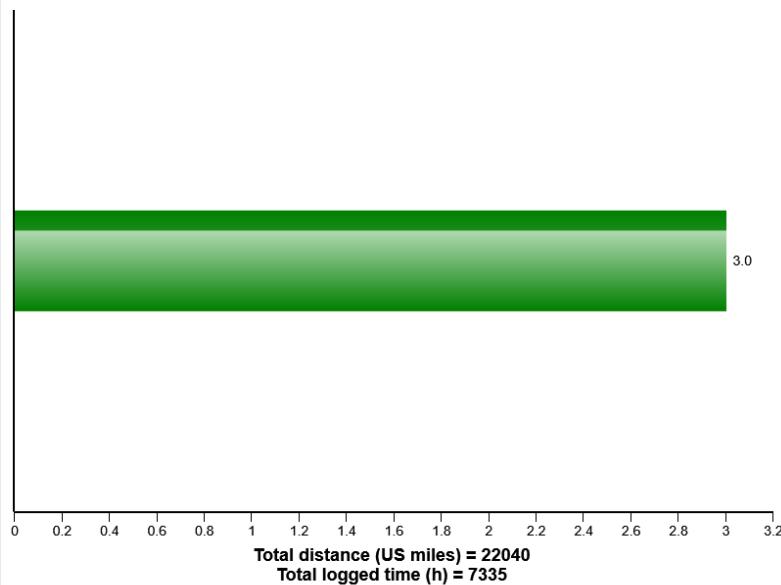


Average fuel consumption

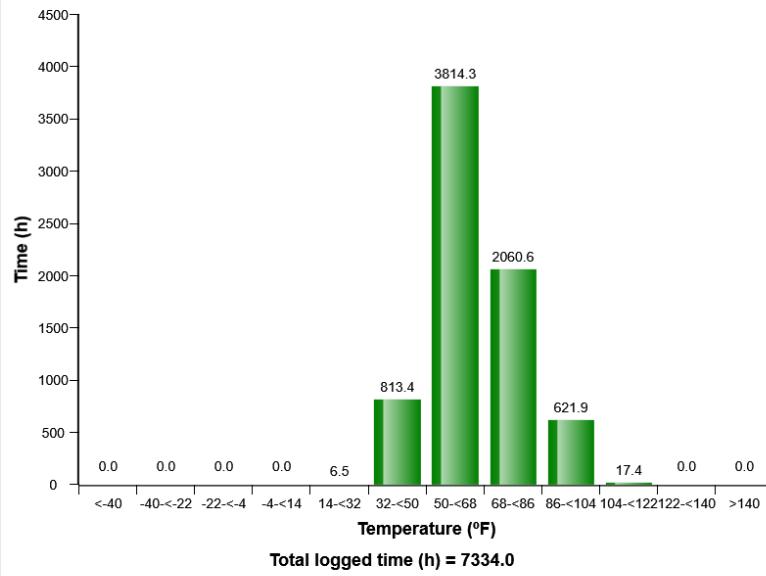


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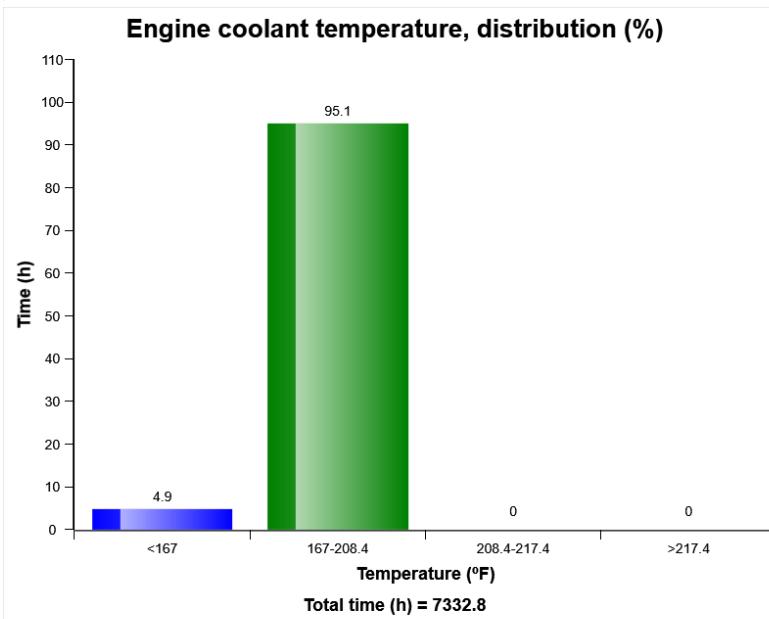
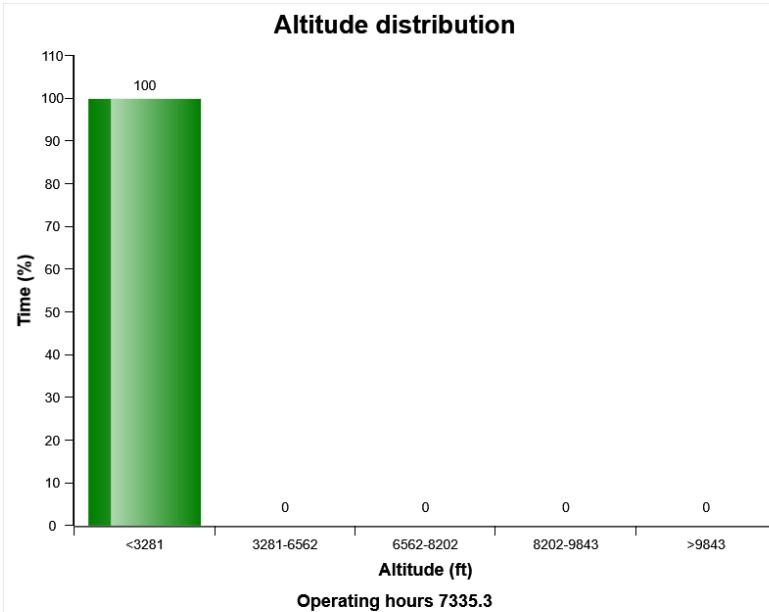
Average speed and distance



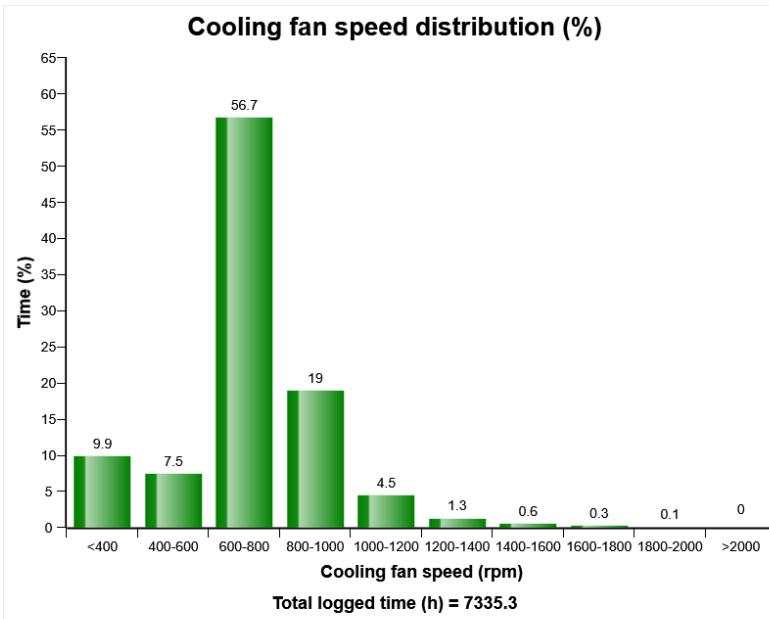
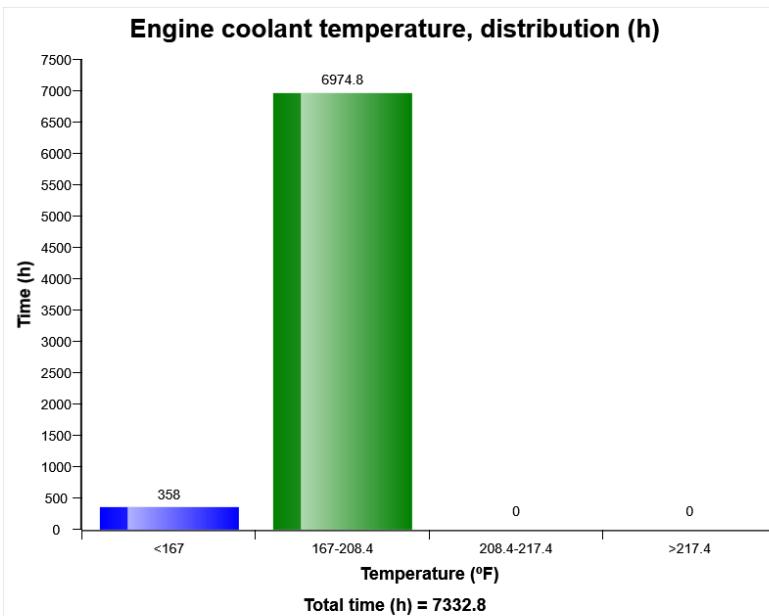
Machine ambient temperature distribution (h)



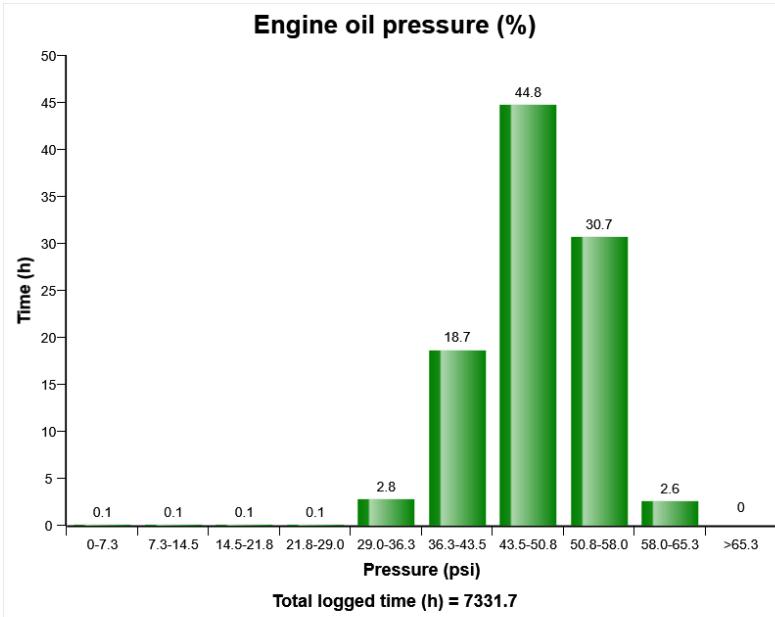
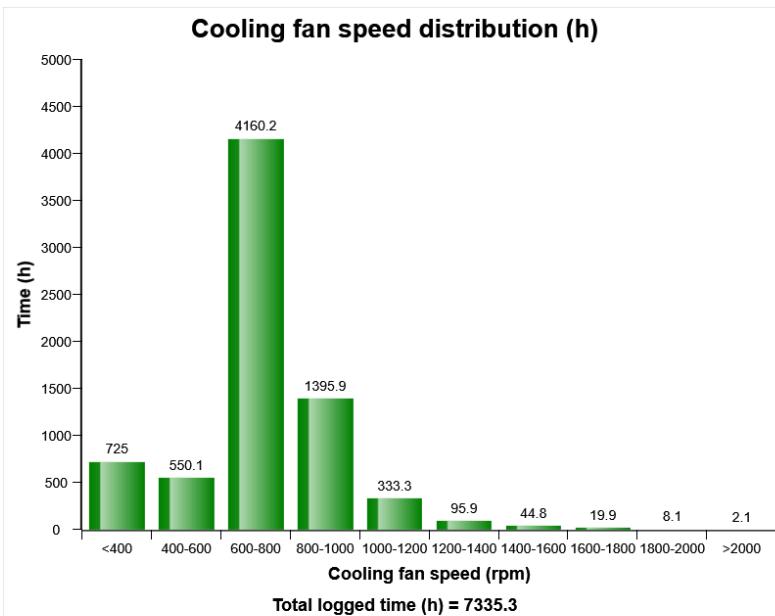
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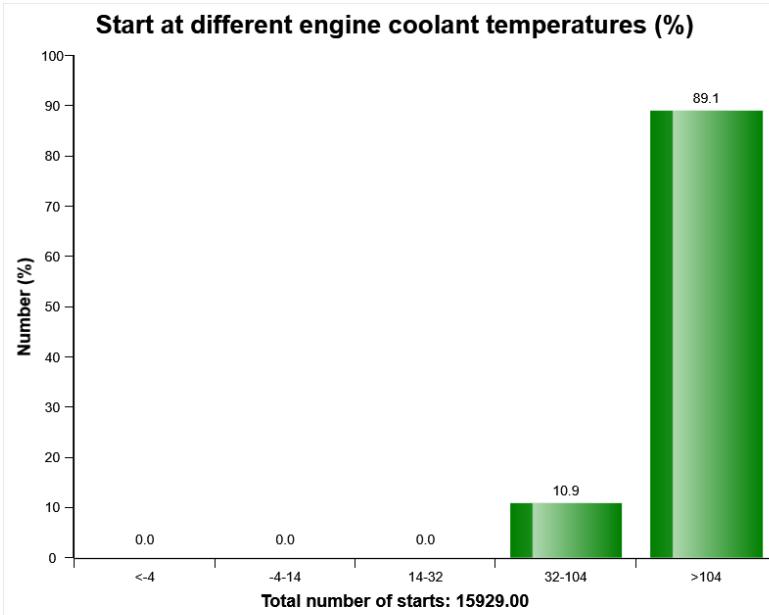
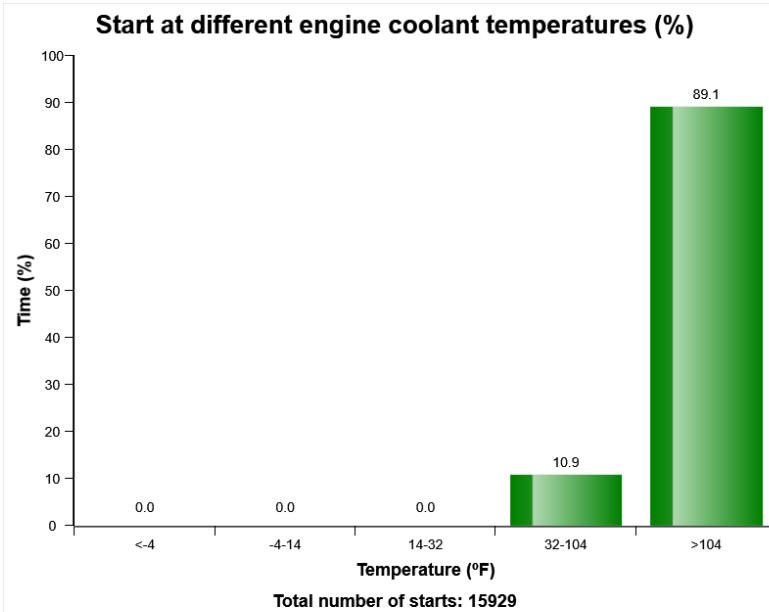
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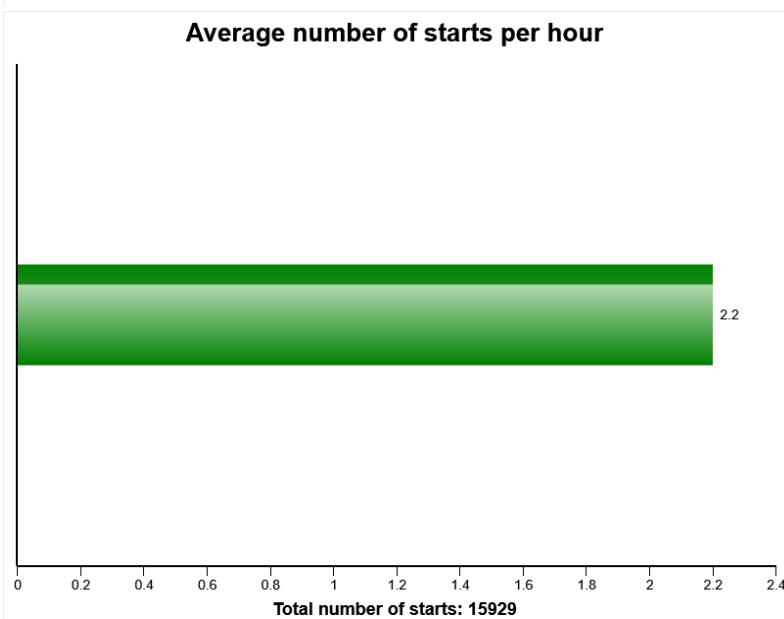
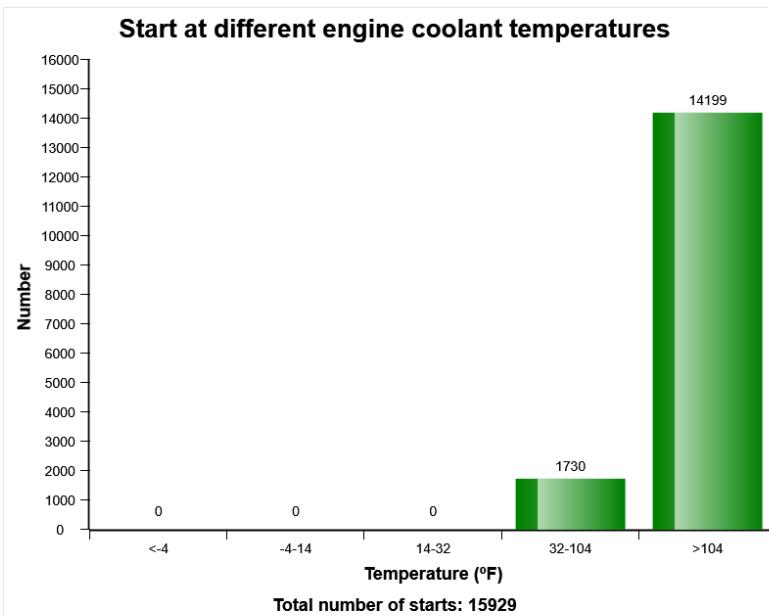
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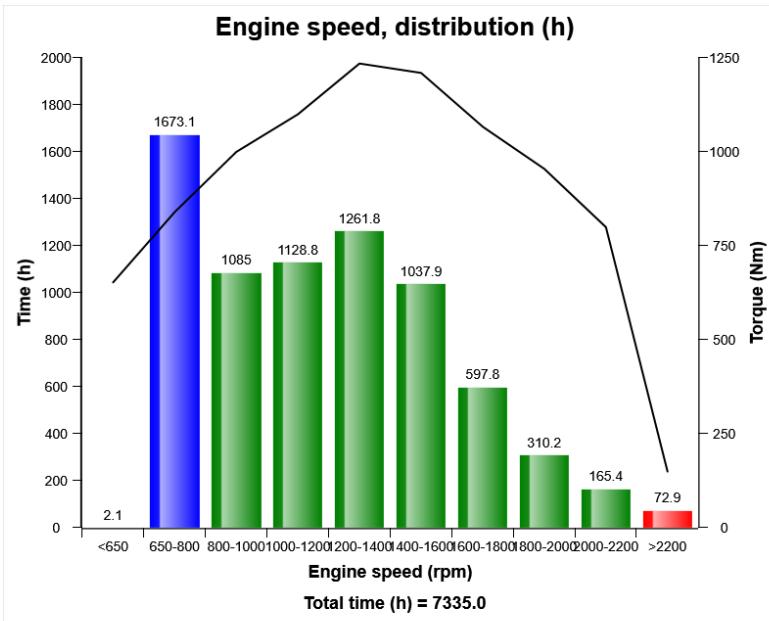
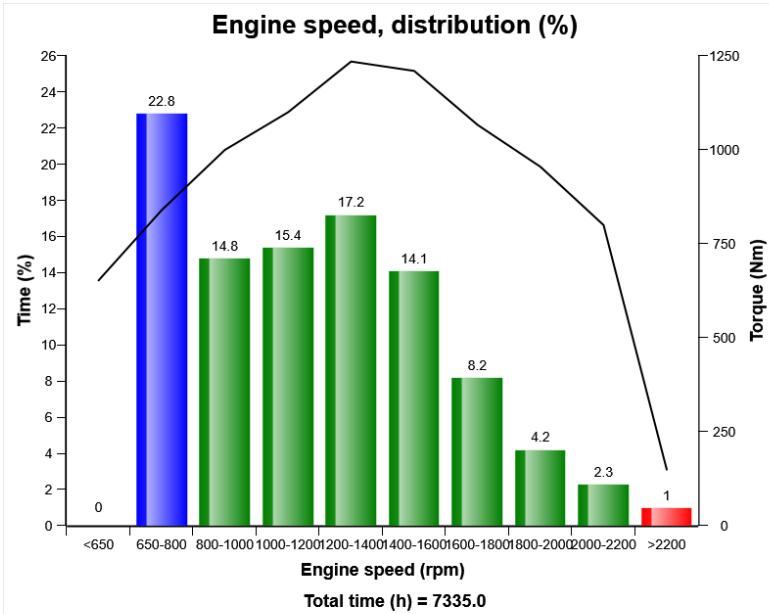
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Machine model	SerialNo	Operating Hours	Reading Date
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Starter overheating

Total number of occurrences = 0



Machine model	SerialNo	Operating Hours	Reading Date
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Low engine oil level at start
Total number of occurrences = 0



Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

Low Engine Oil Pressure



Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

Low Air filter pressure
Total number of occurrences = 0



Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

Engine overspeed, duration
Total number of occurrences = 0



Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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Regeneration aborted
Total number of occurrences = 27191

Op hours	Year	Month	Day	Hour	Minute	Reason
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0
* 3403	2099	12	23	19	41	0



Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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Regeneration ignored
Total number of occurrences = 29

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
* 1999	2099	5	13	1	24	8
* 1999	2099	5	13	1	34	41
* 2515	2099	7	29	19	46	53
* 2971	2099	10	10	20	55	70
* 2975	2099	10	11	2	48	51
* 3402	2099	12	23	18	59	42
* 3454	2099	12	31	22	54	51
* 3454	2099	12	31	22	47	5
* 3470	2000	1	3	18	20	47
* 4031	2000	4	11	22	24	47
* 4590	2099	7	13	15	53	16
* 4590	2099	7	13	15	44	7
* 4591	2099	7	13	16	12	8
* 5152	2099	10	21	20	57	16
* 5152	2099	10	21	20	49	4
* 5152	2099	10	21	20	43	5
* 5714	2000	1	29	18	52	3
* 5714	2000	1	29	18	48	3
* 6276	2000	5	5	16	44	14
* 6837	2000	7	30	0	20	17



Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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Regeneration duration
Total number of occurrences = 29

Op hours	Year	Month	Day	Hour	Minute	Duration (min)
* 1505	2099	2	24	20	40	40
* 1986	2099	5	11	2	47	41
* 1999	2099	5	13	1	36	40
* 1999	2099	5	13	1	26	0
* 2515	2099	7	29	19	49	0
* 2516	2099	7	29	20	0	40
* 2971	2099	10	10	21	25	40
* 2971	2099	10	10	20	55	0
* 2975	2099	10	11	3	0	40
* 3402	2099	12	23	19	1	40
* 3454	2099	12	31	23	1	45
* 3470	2000	1	3	18	22	45
* 4031	2000	4	11	22	27	45
* 4591	2099	7	13	16	20	45
* 5152	2099	10	21	21	13	45
* 5714	2000	1	29	18	55	45
* 6276	2000	5	5	16	58	45
* 6276	2000	5	5	16	48	0
* 6837	2000	7	30	0	32	0
* 6837	2000	7	30	0	38	45



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High engine coolant temperature
Total number of occurrences = 0



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Water level warning in water separator
Total number of occurrences = 0



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High voltage
Total number of occurrences = 0

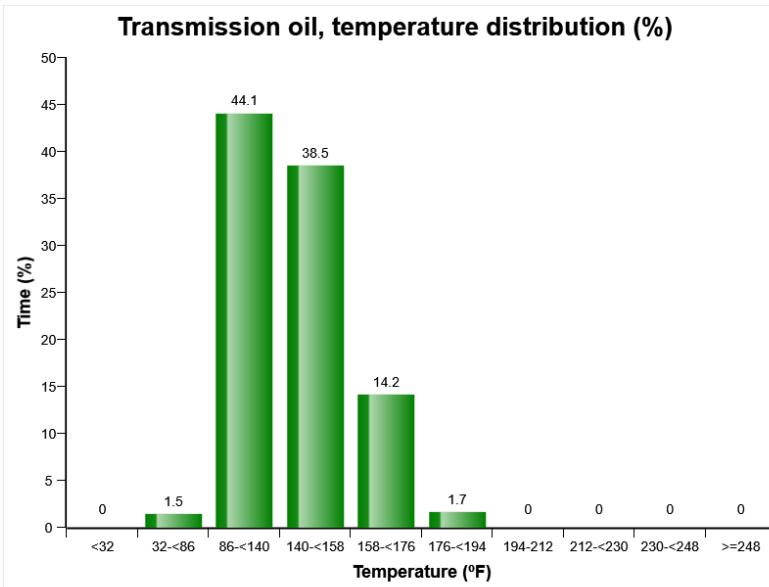
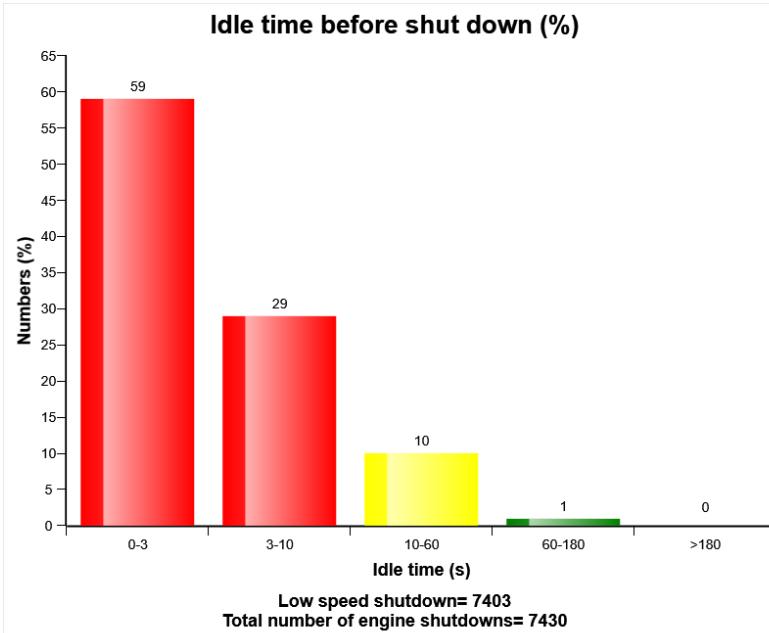


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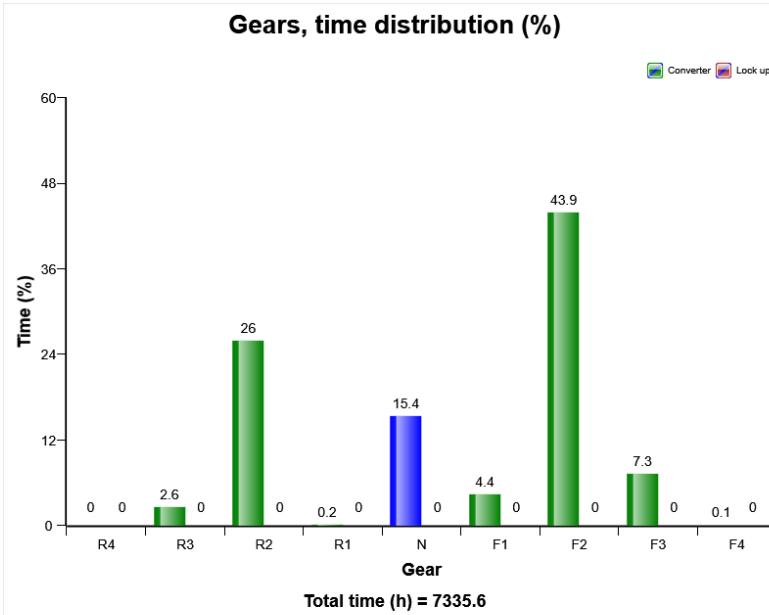
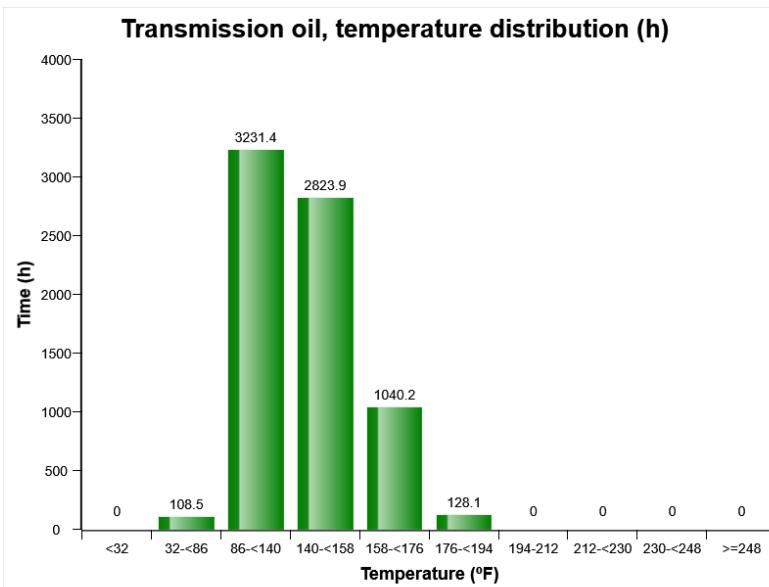
Low voltage
Total number of occurrences = 0



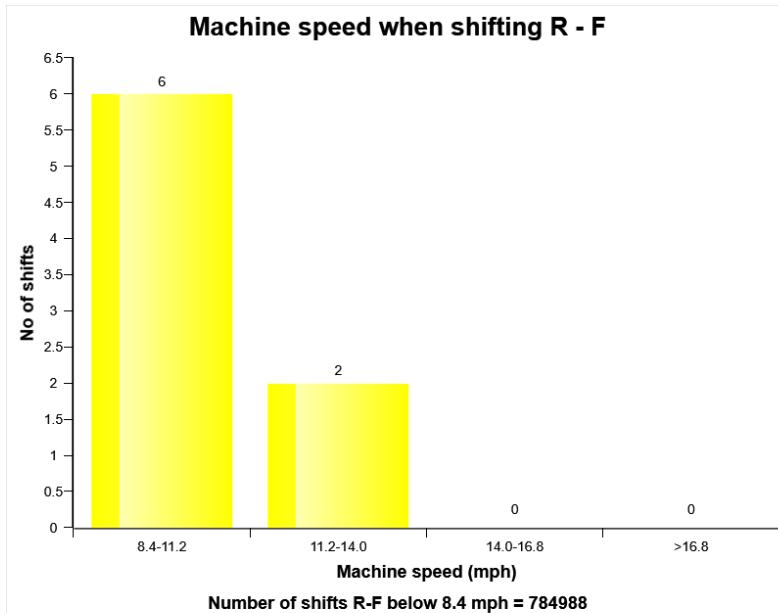
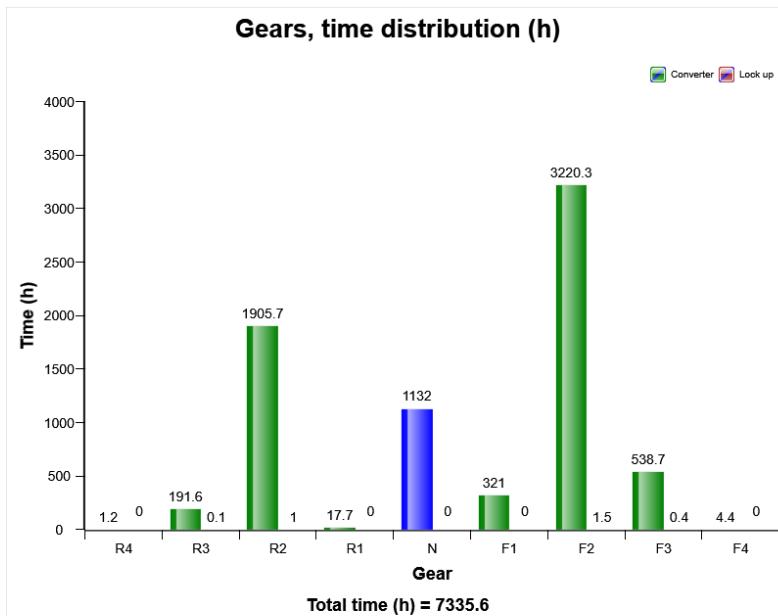
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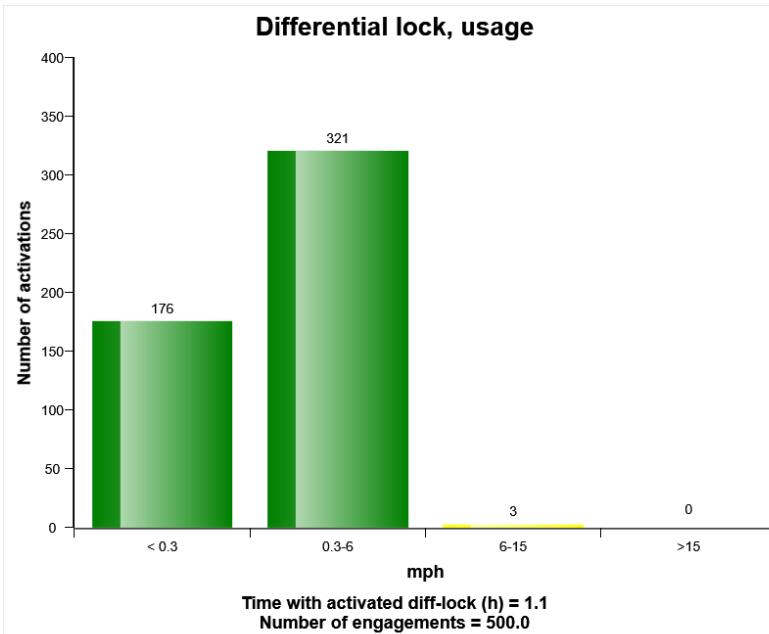
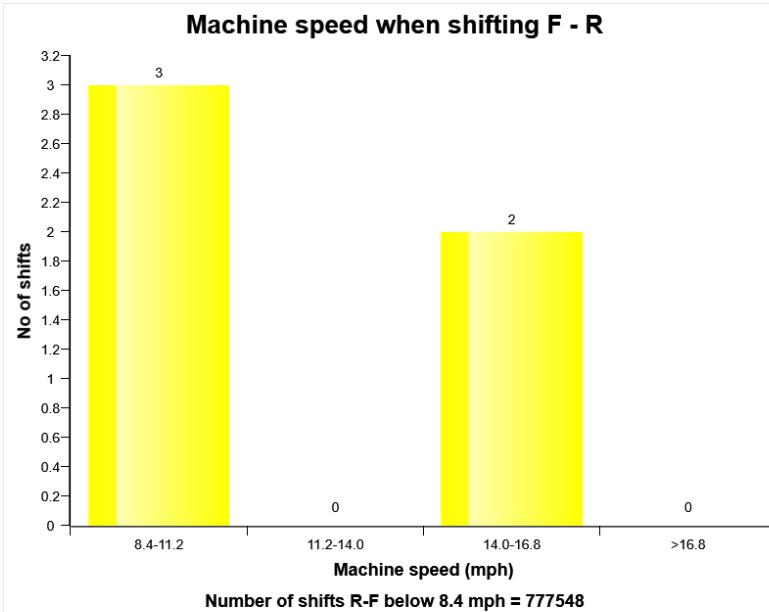
Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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Transmission oil temperature high
Total number of occurrences = 0

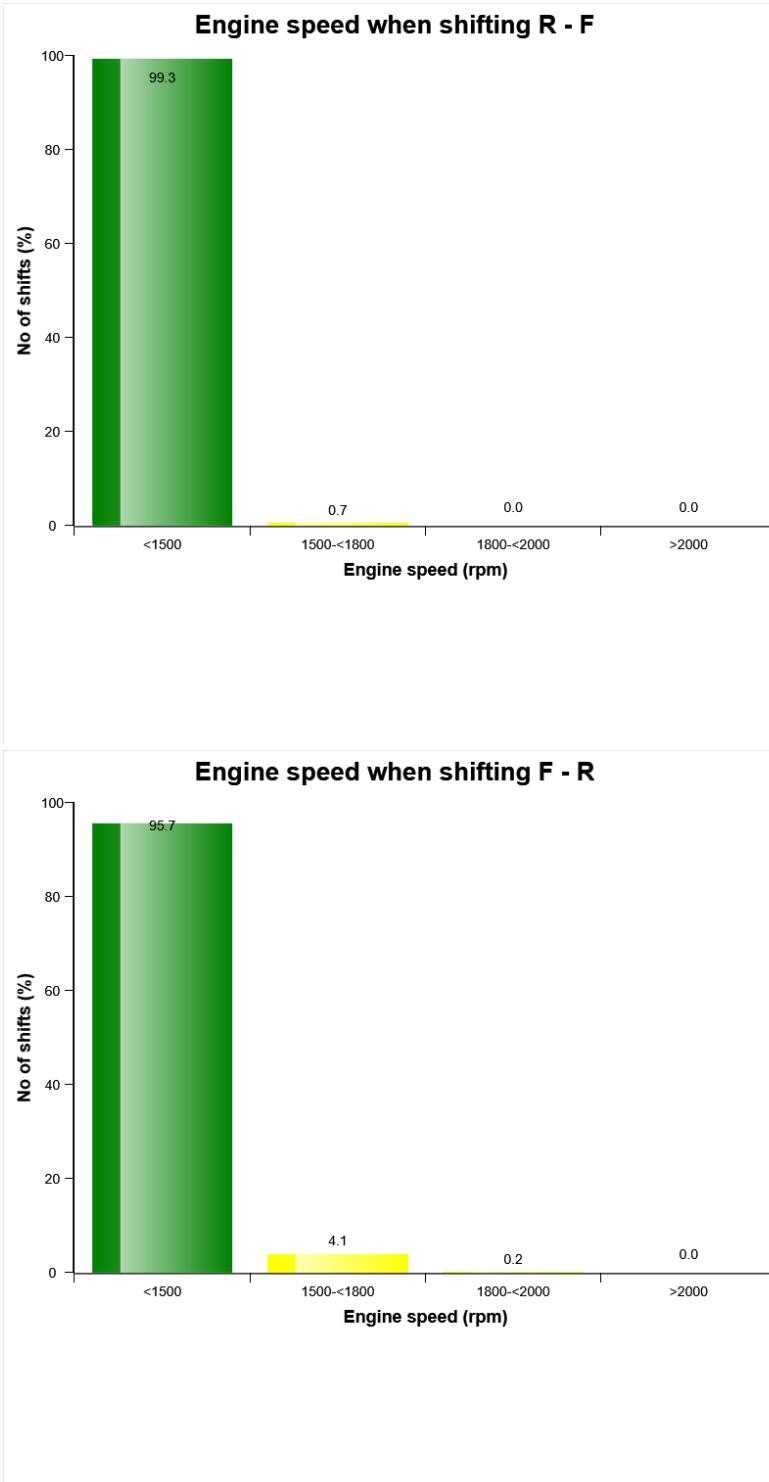
Op hours	Year	Month	Day	Hour	Minute	Duration (seconds)	Extreme (° F)
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
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0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
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0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32



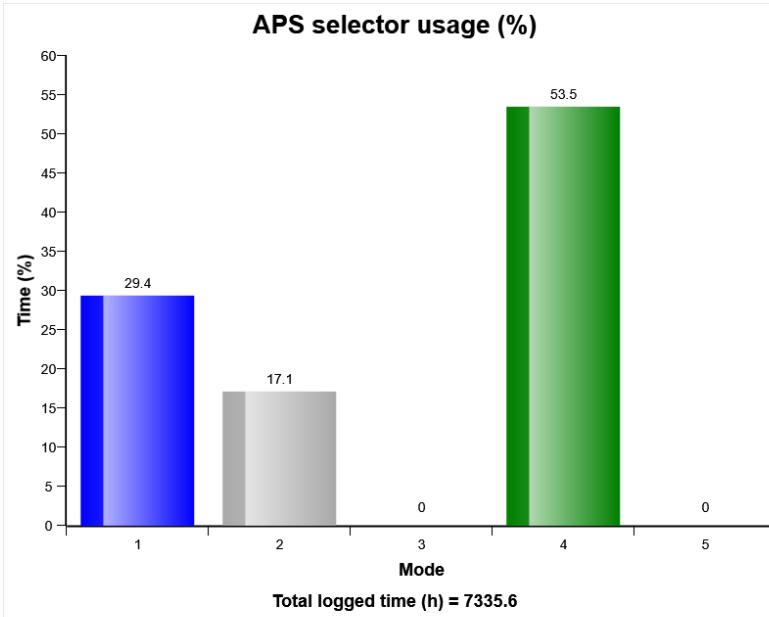
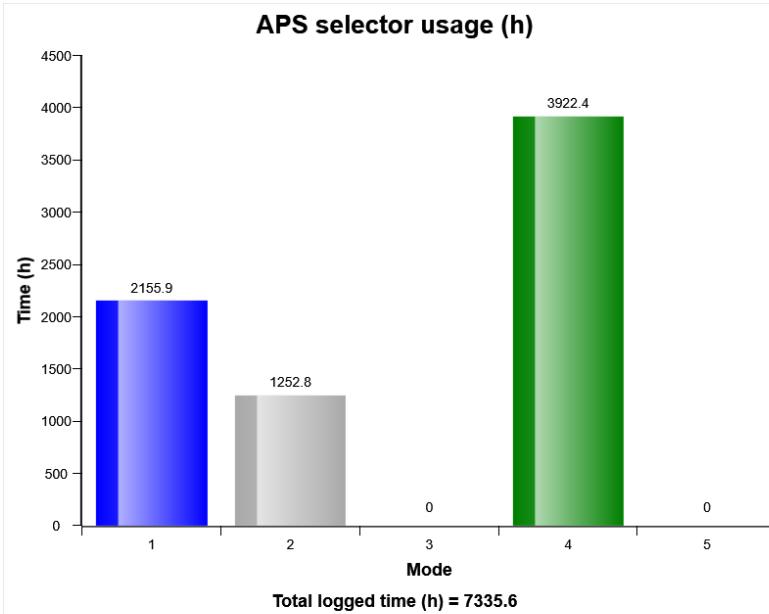
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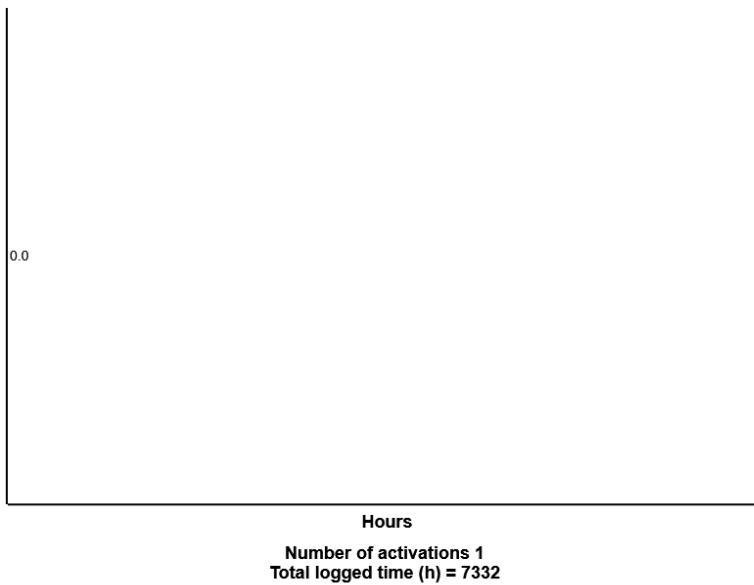
Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

Transmission oil pressure low
Total number of occurrences = 0

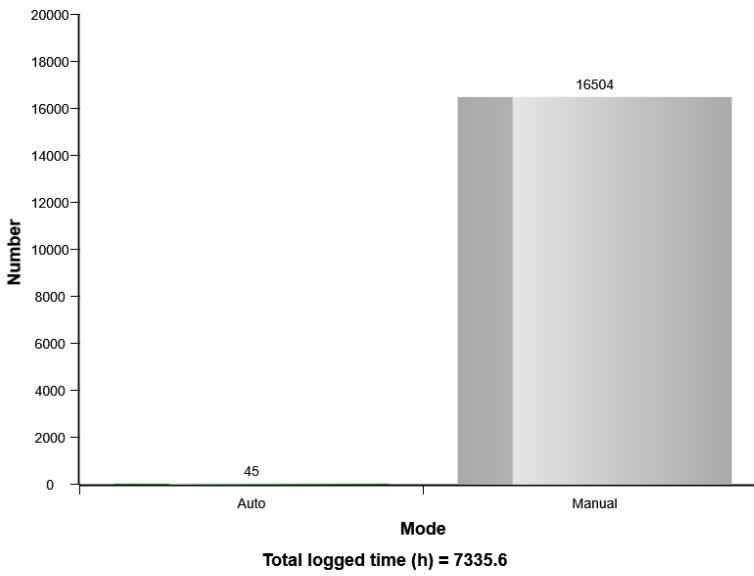


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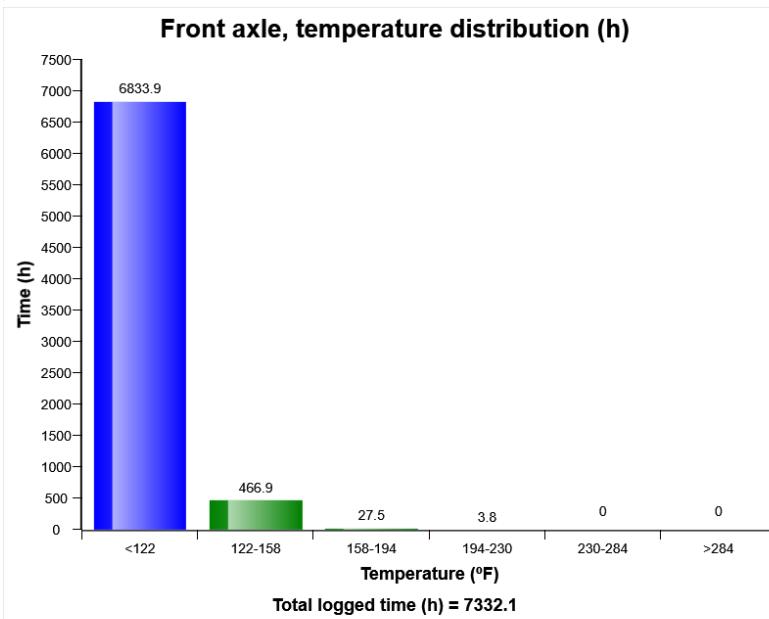
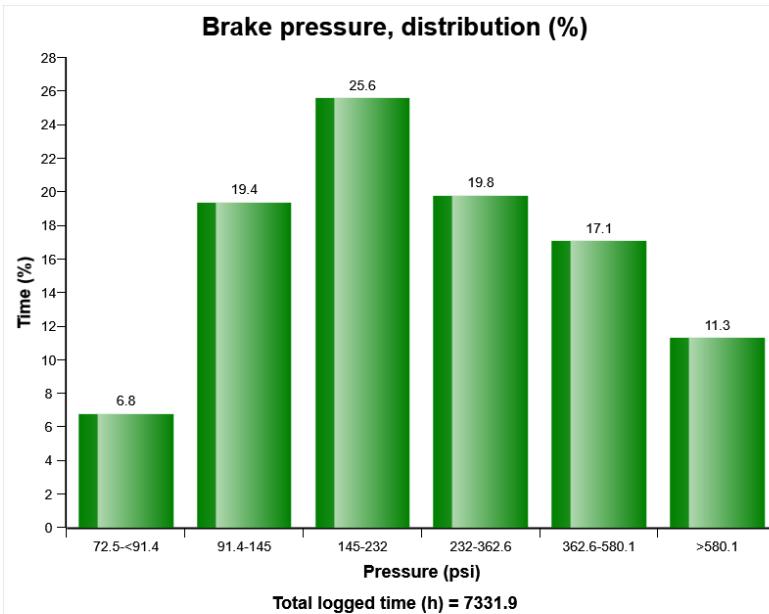
Usage of transmission cut off



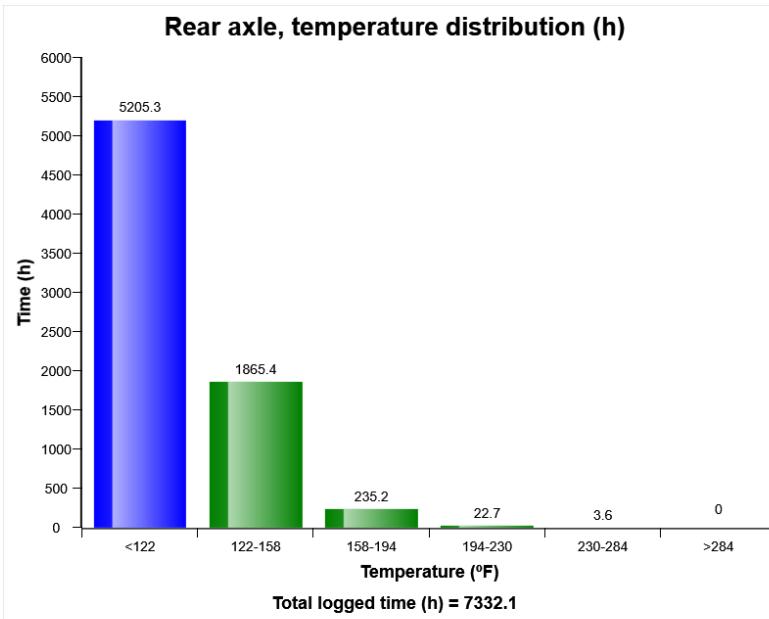
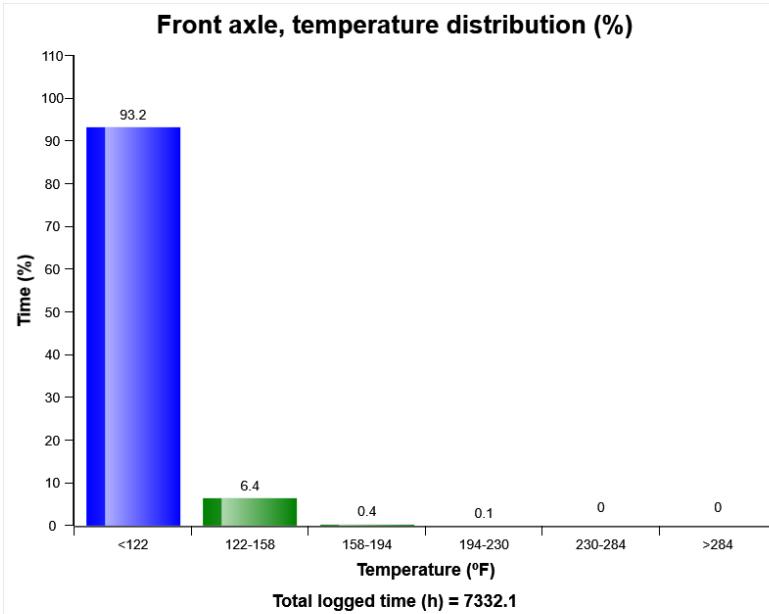
Kick Down Usage



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Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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Parking brake usage
Total number of occurrences = 11780

Op hours	Year	Month	Day	Hour	Minute	Duration (minutes)
0	2000	10	17	19	52	5
0	2000	10	20	19	20	0
0	2000	10	20	19	18	0
0	2000	10	20	17	37	0
0	2000	10	20	17	35	0
0	2000	10	20	1	27	1
0	2000	10	20	0	20	0
0	2000	10	20	0	18	0
0	2000	10	19	23	36	0
0	2000	10	19	23	8	1
0	2000	10	19	22	23	1
0	2000	10	19	17	58	0
0	2000	10	19	17	56	1
0	2000	10	17	23	56	0
0	2000	10	17	23	54	1
0	2000	10	17	21	33	0
0	2000	10	17	21	25	1
0	2000	10	17	20	13	1
0	2000	10	28	22	42	5
0	2000	10	28	22	52	17



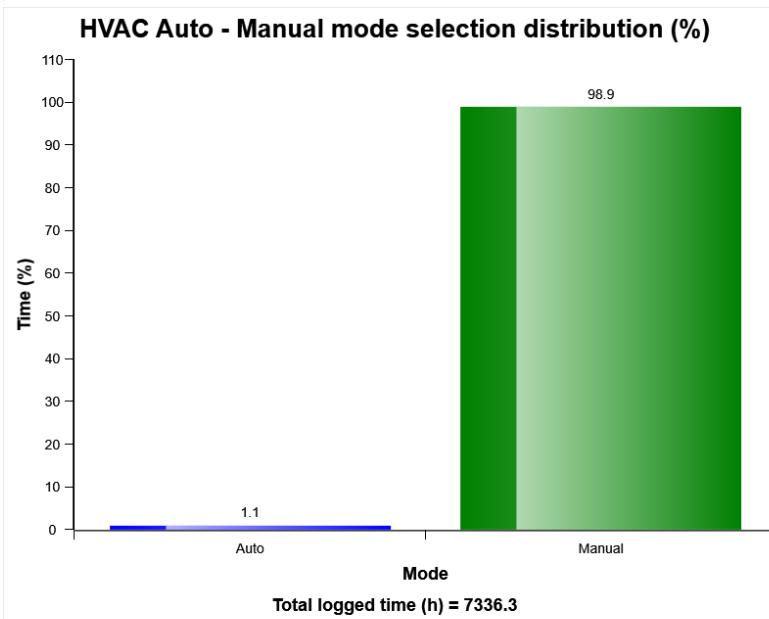
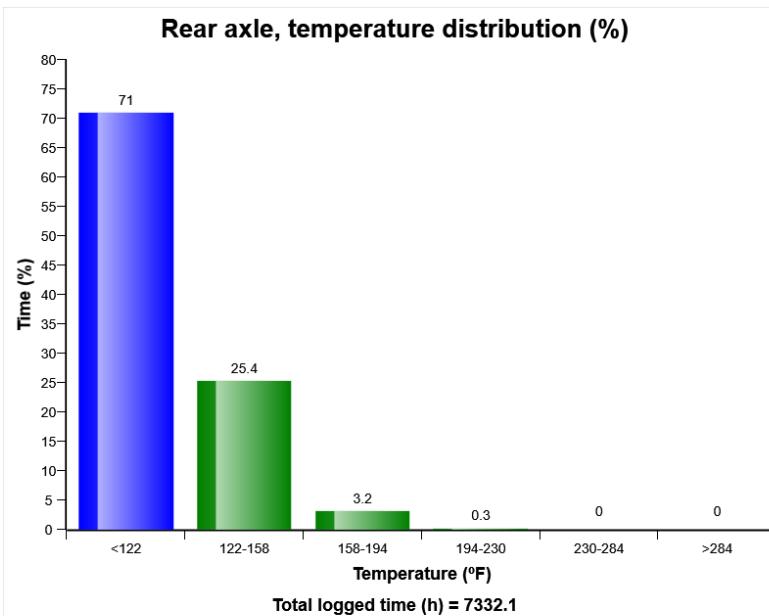
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Parking brake abuse
Total number of occurrences = 5

Op hours	Year	Month	Day	Hour	Minute	Duration (seconds)	Extreme (km/h)
0	2099	7	24	21	59	0	8
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	10	1	0	15	0	3
0	2000	5	28	22	56	0	4
0	2000	5	22	18	17	0	5
0	2099	12	26	19	20	0	4
0	2000	0	0	0	0	0	0
0	2000	0	0	0	0	0	0

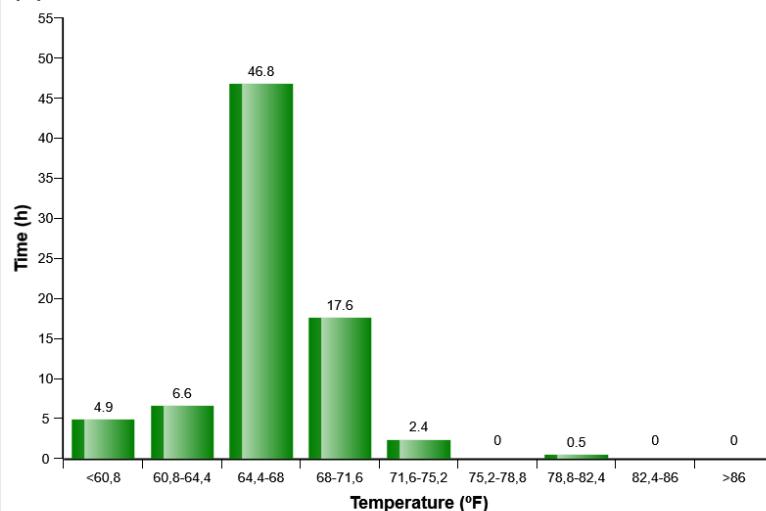


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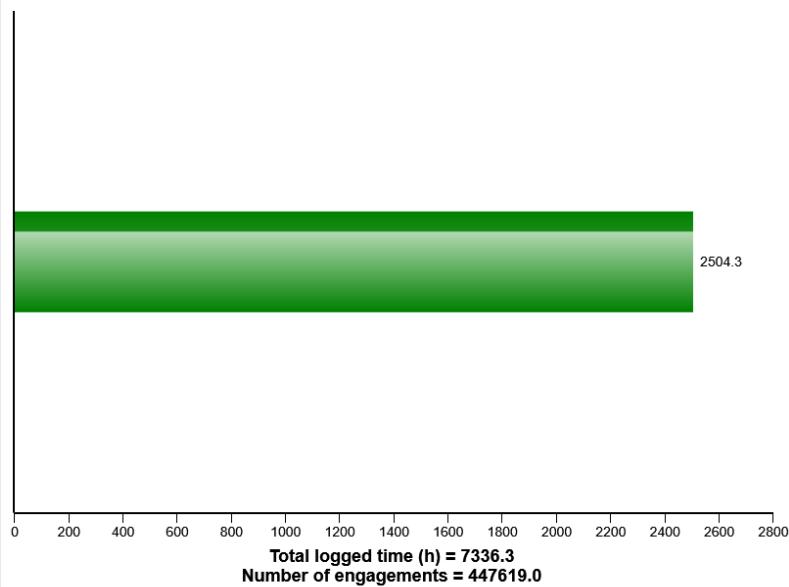


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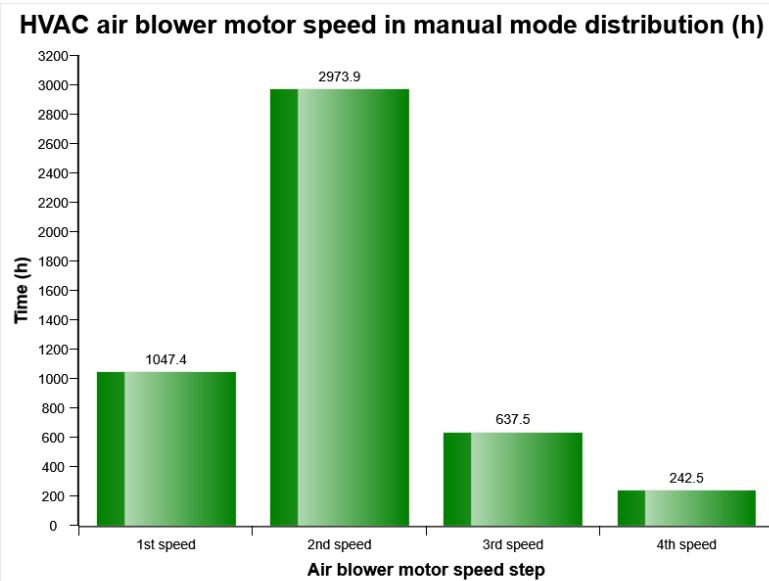
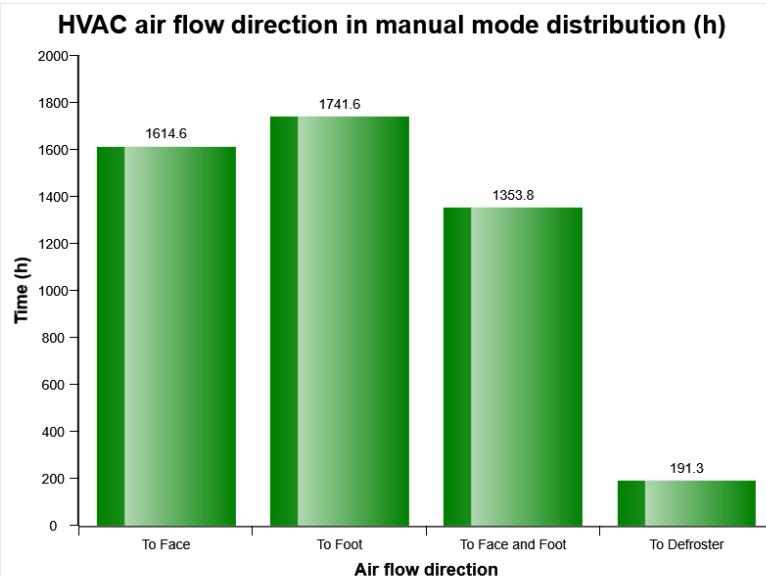
HVAC air temperature setting in auto control mode distribution (h)



AC Compressor usage



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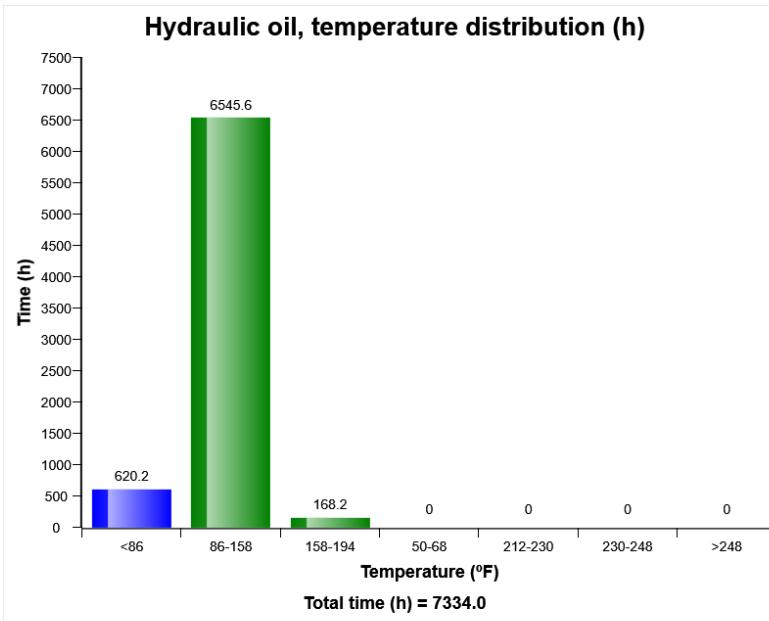
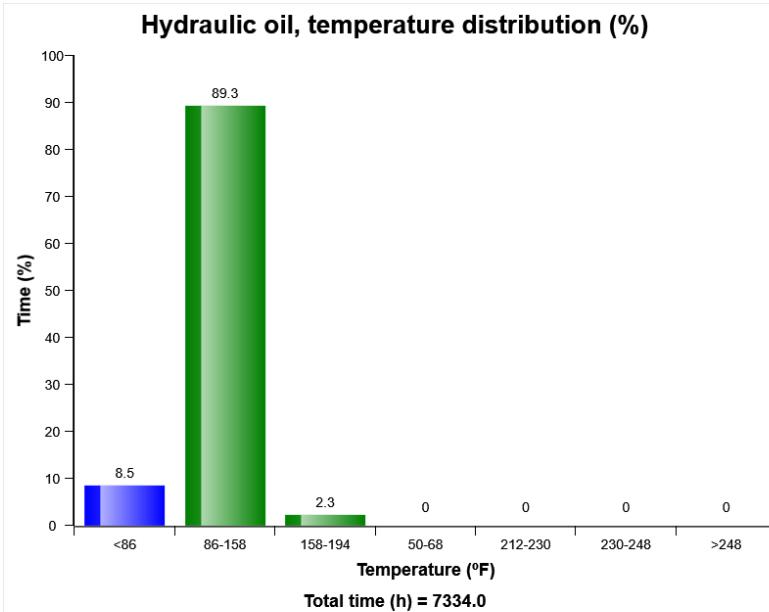
Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

AC High Pressure

Total number of occurrences = 0



Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019



Machine model L110H	SerialNo 10718	Operating Hours 7333.5	Reading Date 06/03/2019
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High hydraulic oil temperature
Total number of occurrences = 0

Op hours	Year	Month	Day	Hour	Minute	Duration (seconds)	Extreme (° F)
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32
0	2000	0	0	0	0	0	32



Machine model	SerialNo	Operating Hours	Reading Date
L110H	10718	7333.5	06/03/2019

Low Hydraulic Oil Level

