

# VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model <b>A40G</b>	SerialNo <b>342084</b>	Operating Hours <b>4670.2</b>	Reading Date <b>20/08/2019</b>
Company name <b>Ascendum Buford GA</b>	Dealer	Report Issuer	
Contact name	Technician <b>rhilton</b>	Primary Application <b>Earth moving construction</b>	
Site	Workorder	Ground Condition	

MATRIS Reading, Summary / Recommendation

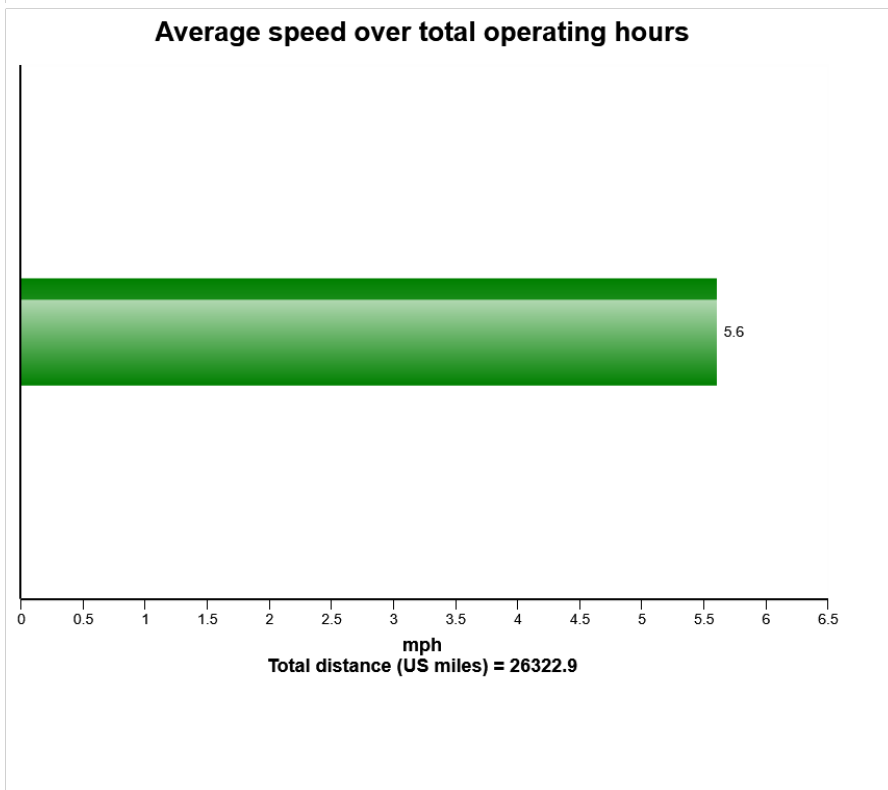
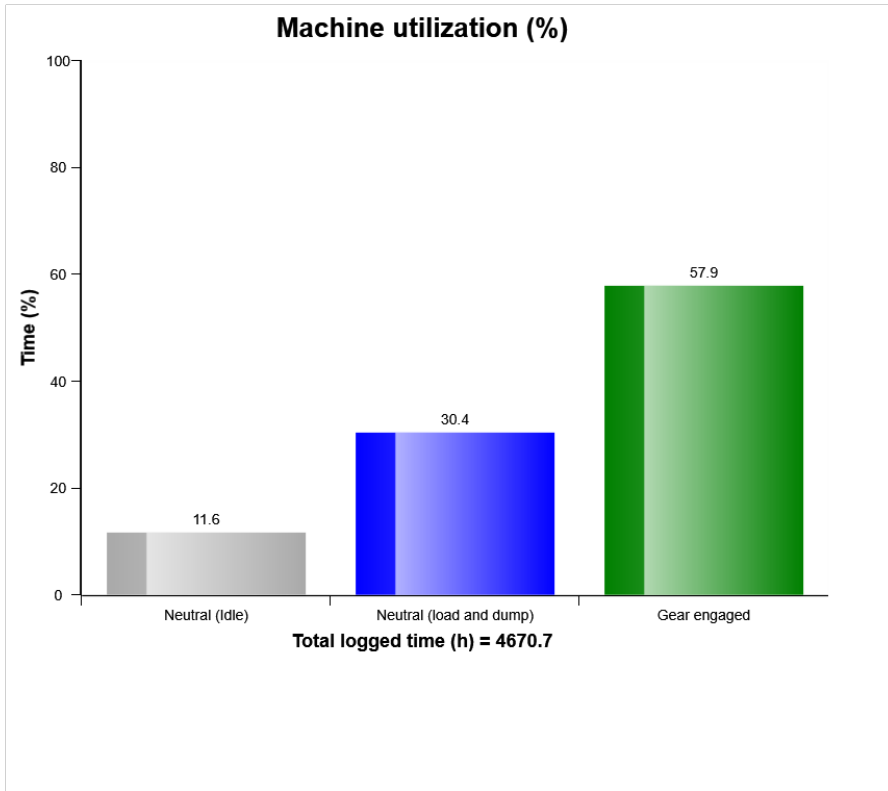


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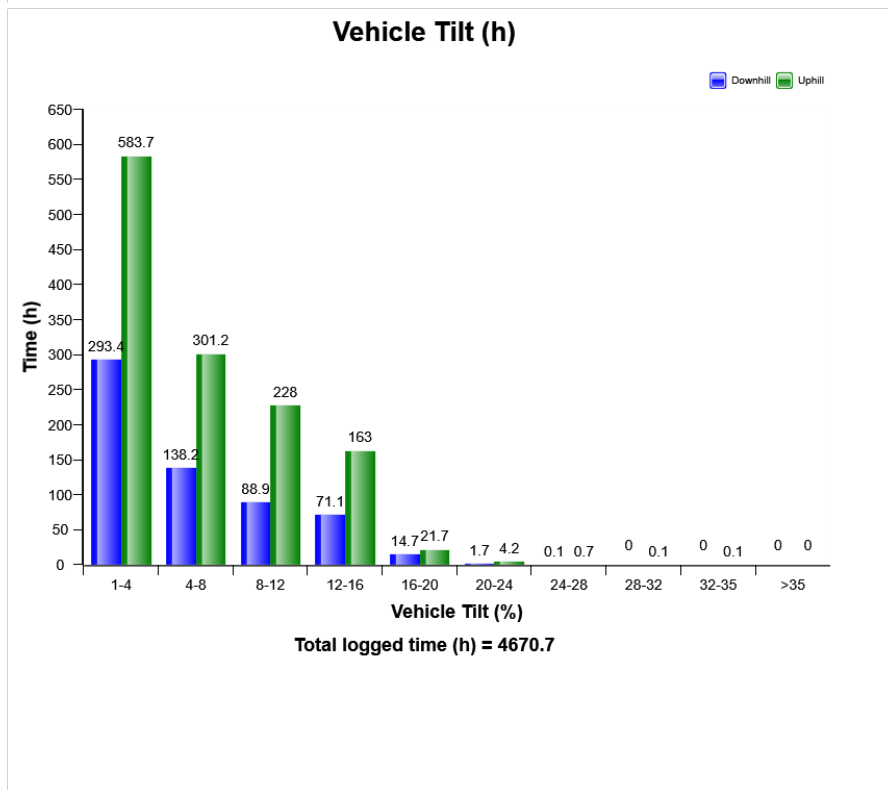
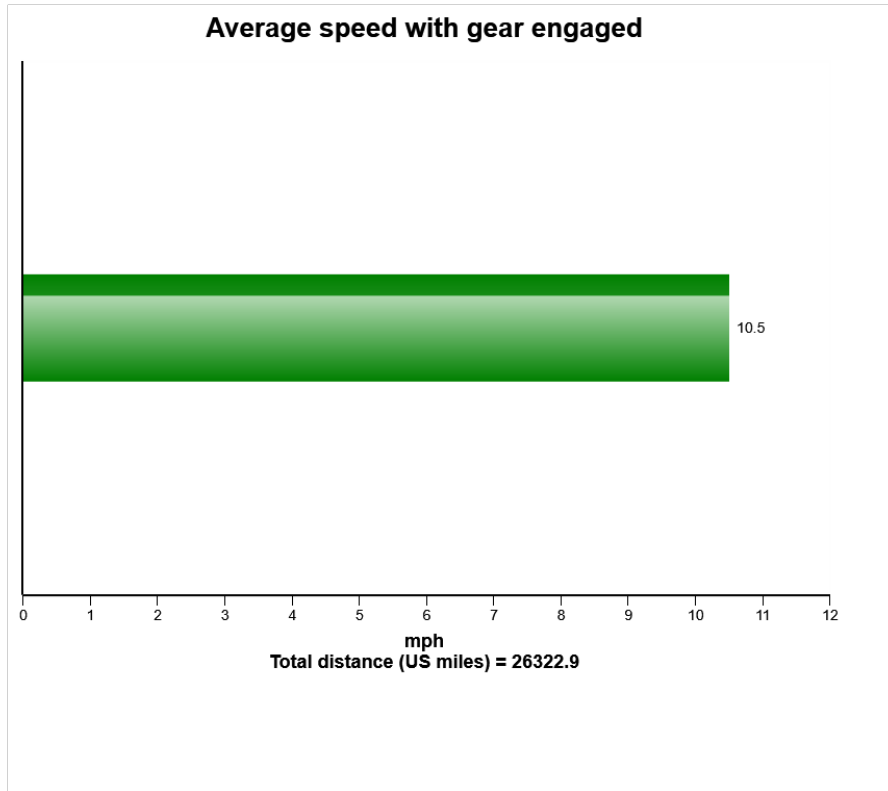
Main equipment	Type	Equipment
	Tyre size/class	Sold without tyres
	Body extensions	Not mounted
	Tail-gate	Not mounted
	Extra spillguard	Not mounted
	Wear plates	Not mounted
	Pattern	None



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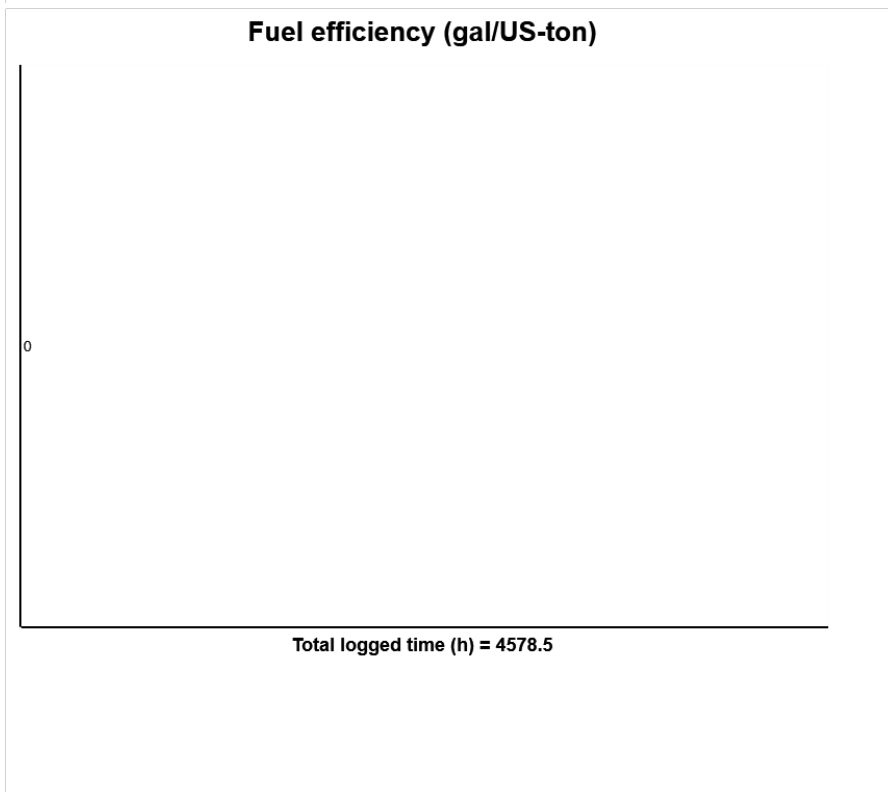
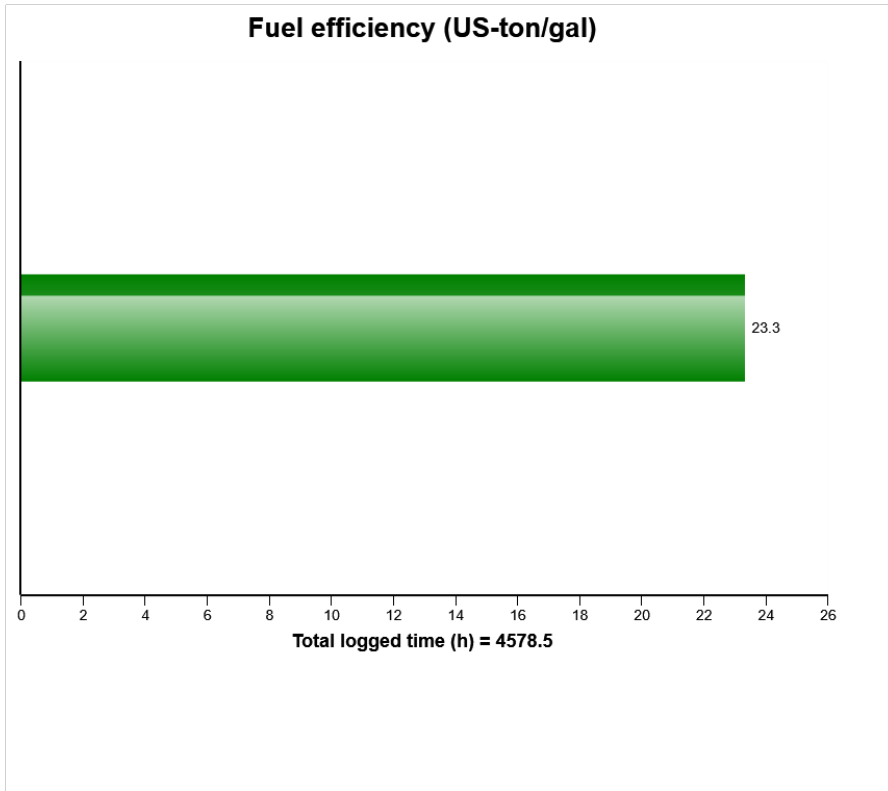
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**Accumulated performance**  
**Total logged time (h) =**

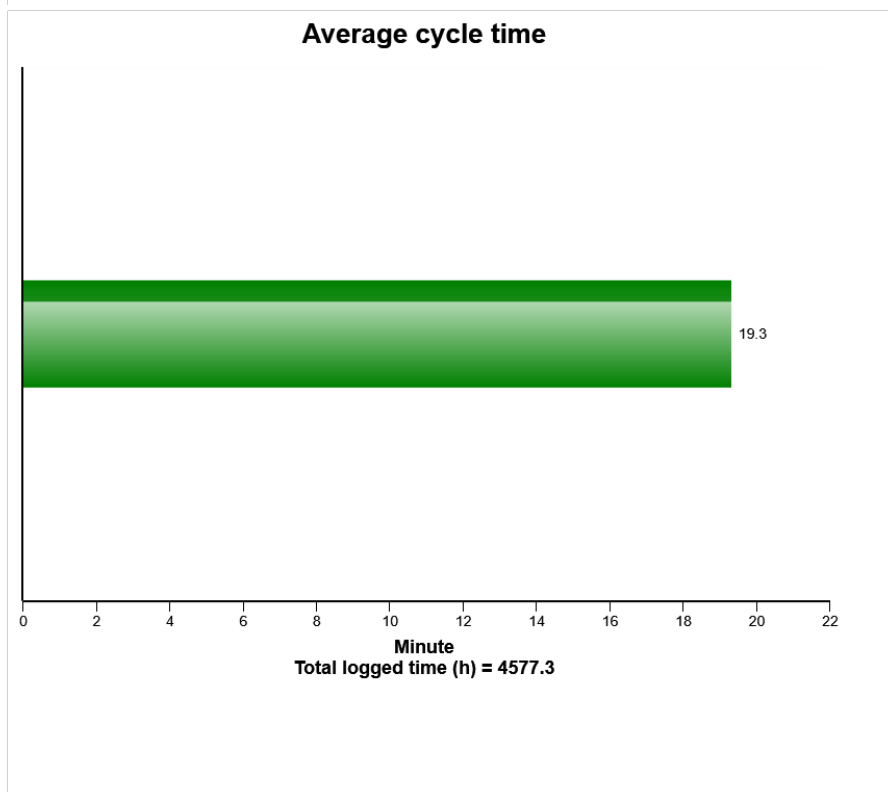
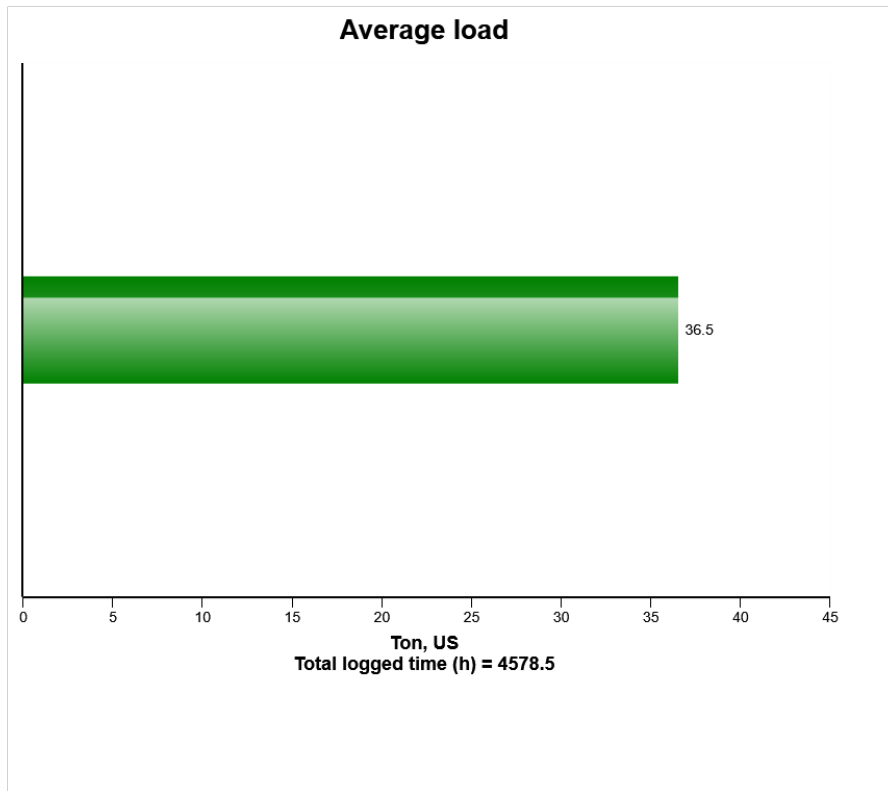
<b>Total logged time (h) =</b>	4578.5
<b>Fuel consumption (US-gallons)</b>	21744
<b>Production (ton,US)</b>	505787
<b>Ton/h</b>	110.5
<b>Ton/gal</b>	23.3
<b>Fuel efficiency (US Gal/ton)</b>	0.04
<b>Number of cycles</b>	13875
<b>Cycles overloaded (%)</b>	10
<b>Load utilisation / cycle (%)</b>	85



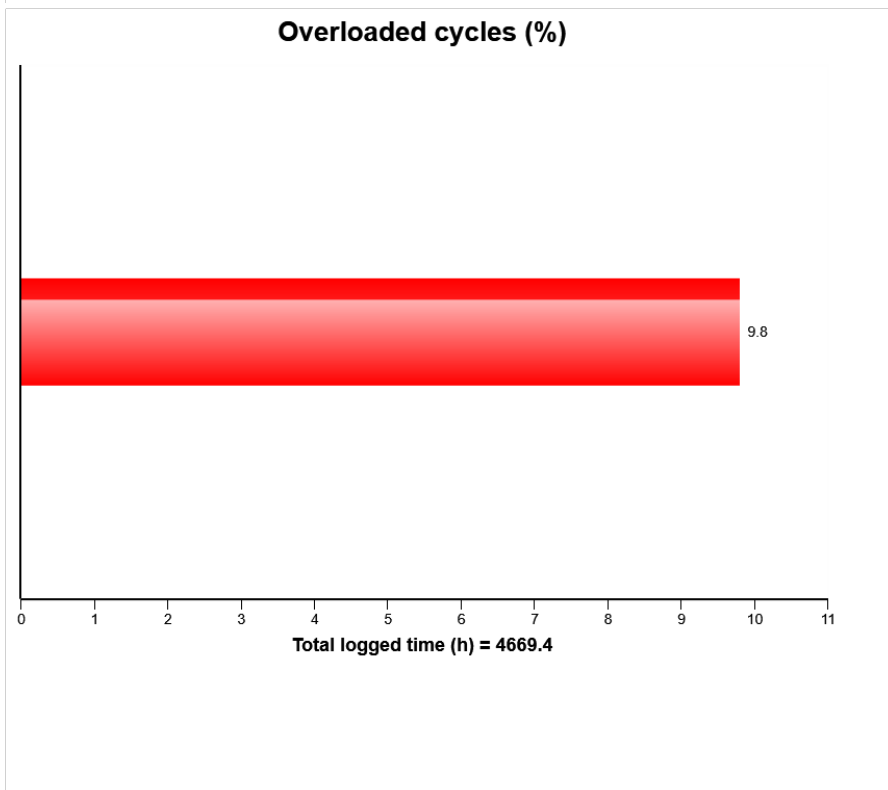
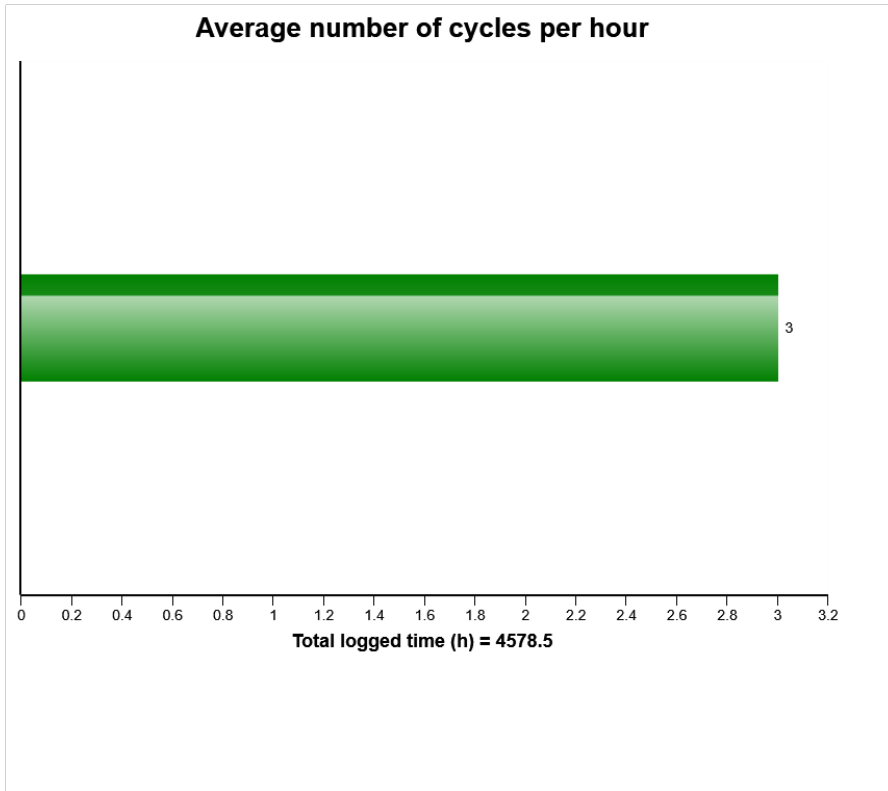
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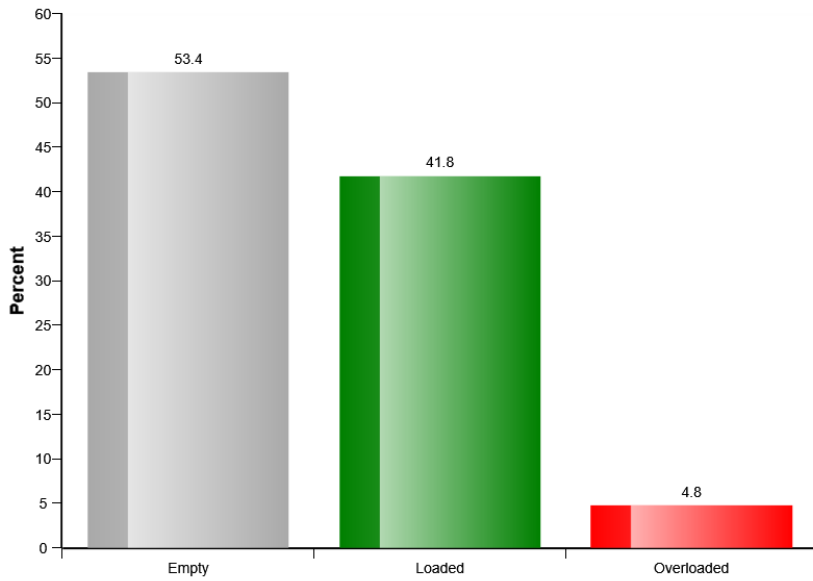
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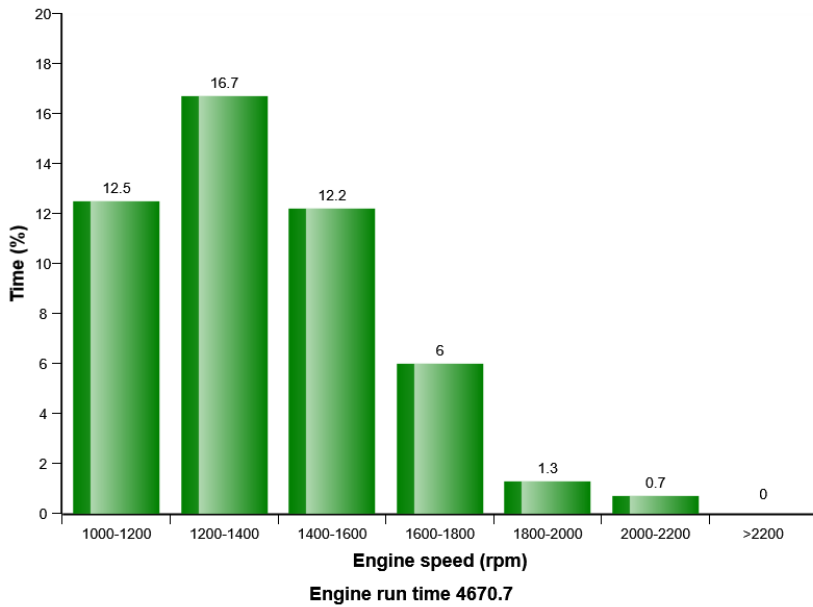


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**Distribution distance empty vs loaded vs overloaded (%)**



**Engine speed, distribution (%)**



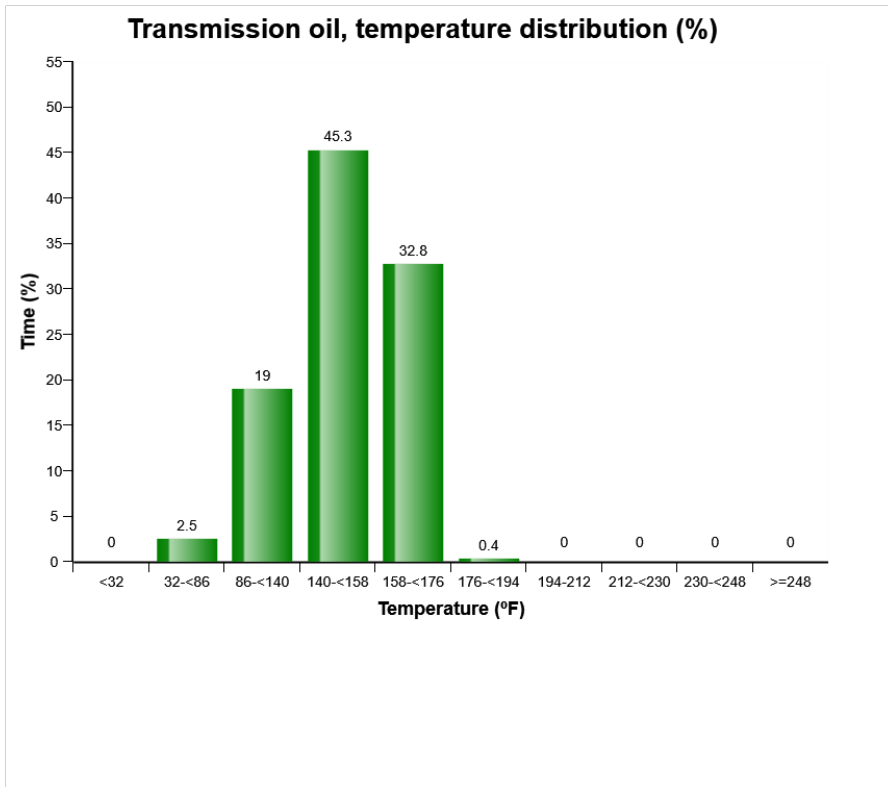
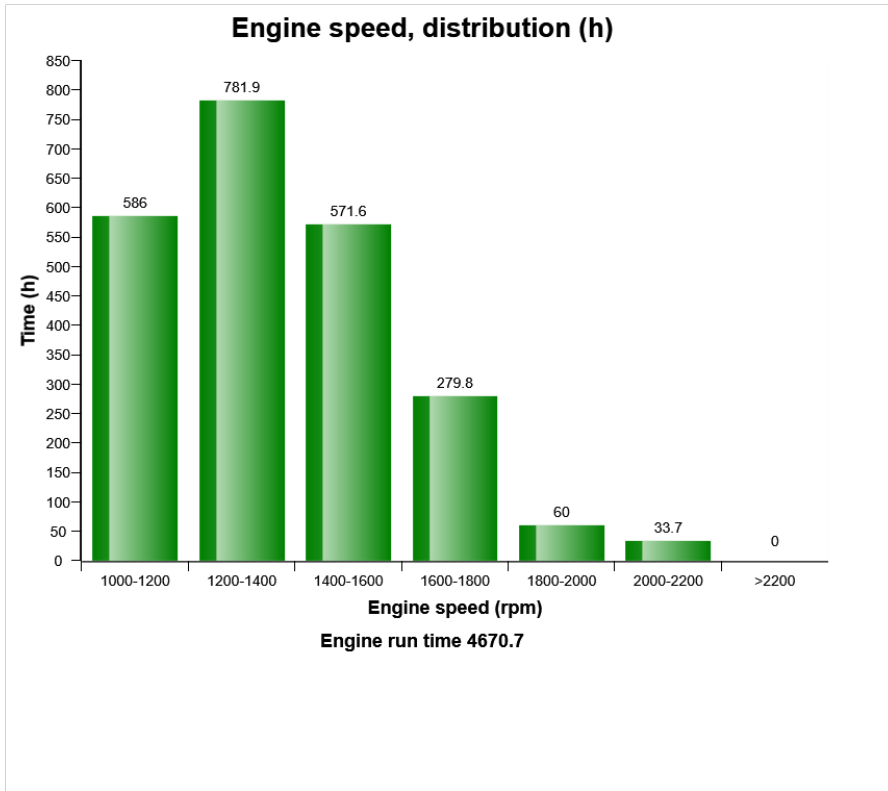
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**High engine oil temperature**  
**Total number of occurrences = 0**

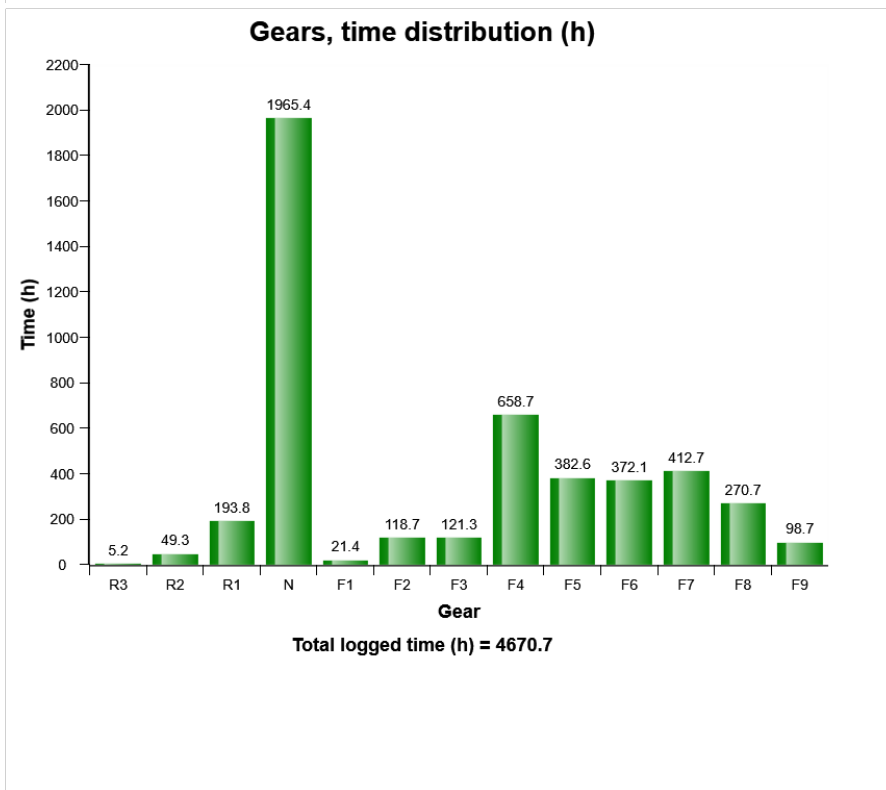
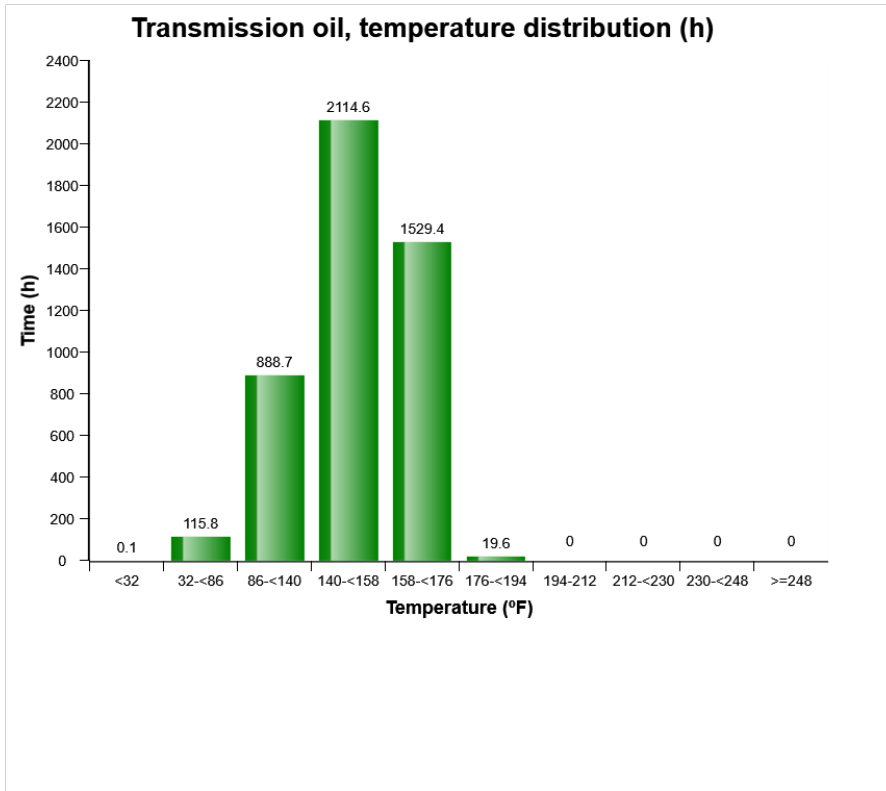
	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (° F)
<b>A</b>	0	2000	0	0	0	0	0	32
<b>B</b>	0	2000	0	0	0	0	0	32
<b>C</b>	0	2000	0	0	0	0	0	32
<b>D</b>	0	2000	0	0	0	0	0	32
<b>E</b>	0	2000	0	0	0	0	0	32
<b>F</b>	0	2000	0	0	0	0	0	32
<b>G</b>	0	2000	0	0	0	0	0	32
<b>H</b>	0	2000	0	0	0	0	0	32
<b>I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



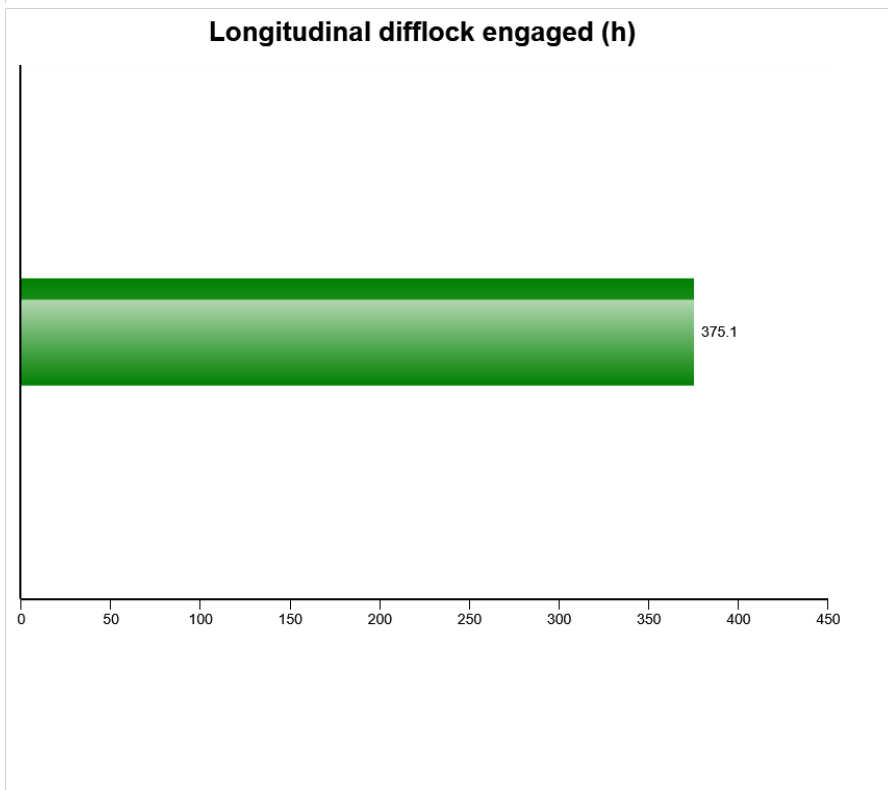
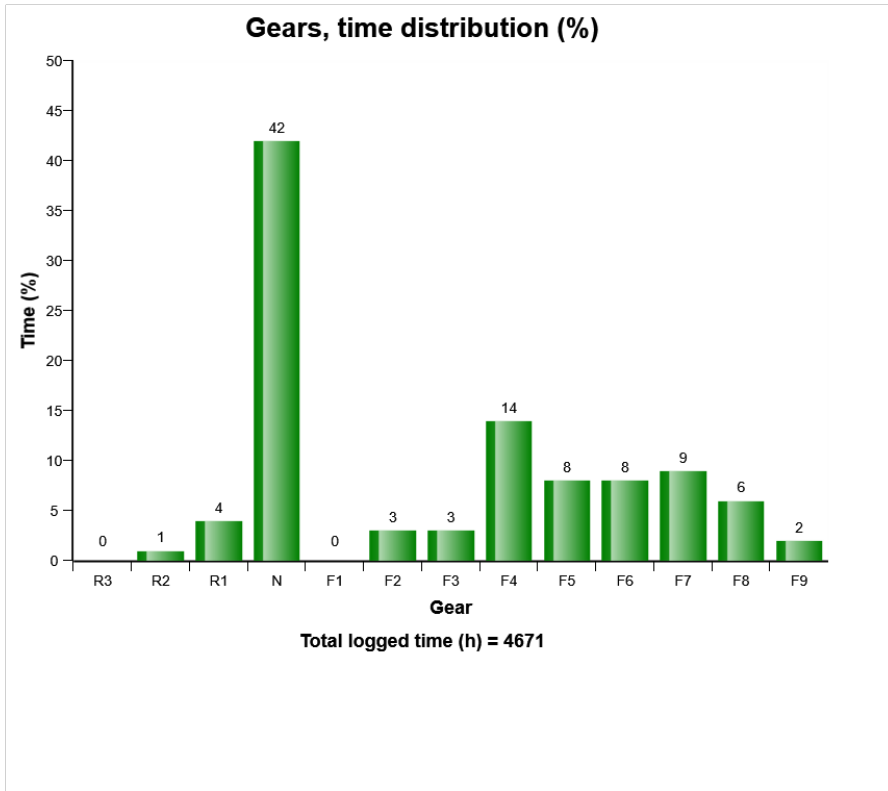
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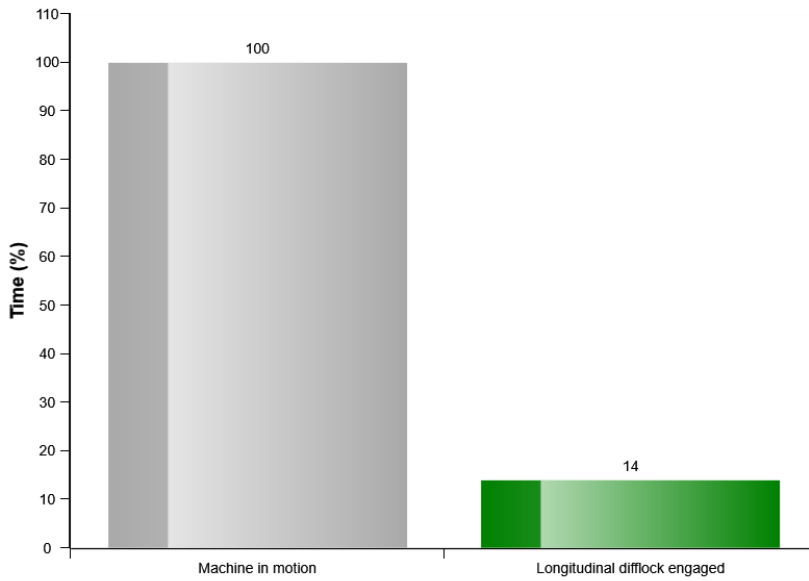
**Transmission oil pressure low**  
**Total number of occurrences = 0**

<b>Op hours</b>	<b>Year</b>	<b>Month</b>	<b>Day</b>	<b>Hour</b>	<b>Minute</b>	<b>Duration (sec)</b>	<b>Extreme (psi)</b>
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
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

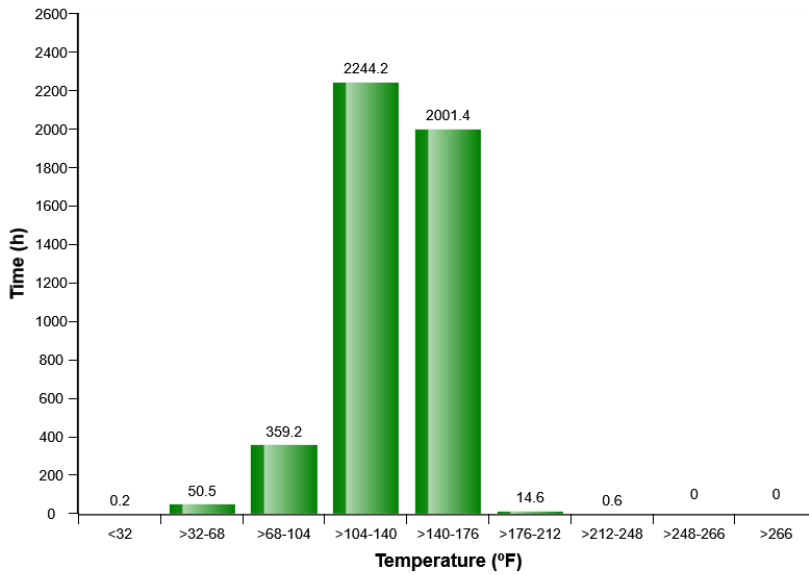


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### Longitudinal difflock use related to machine in motion (%)

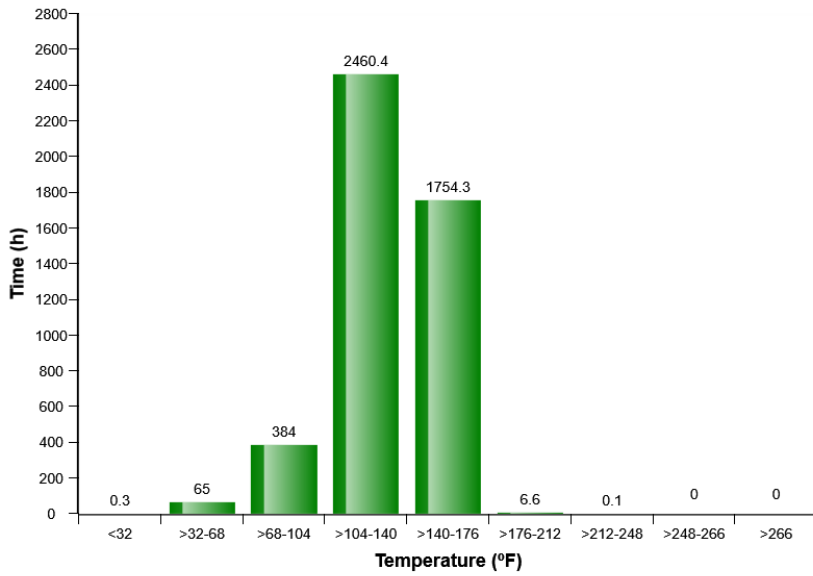


### Service brake cooling oil, front axle temperature

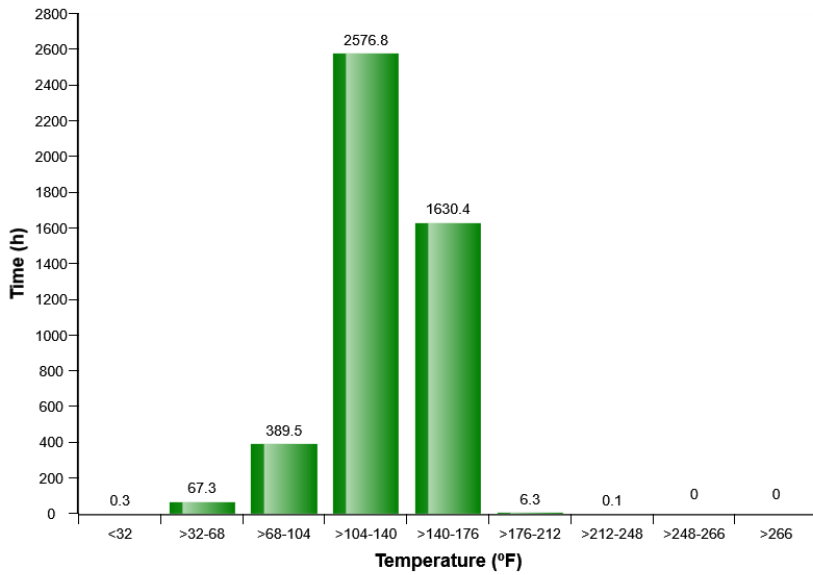


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### Service brake cooling oil, first bogie axle temperature

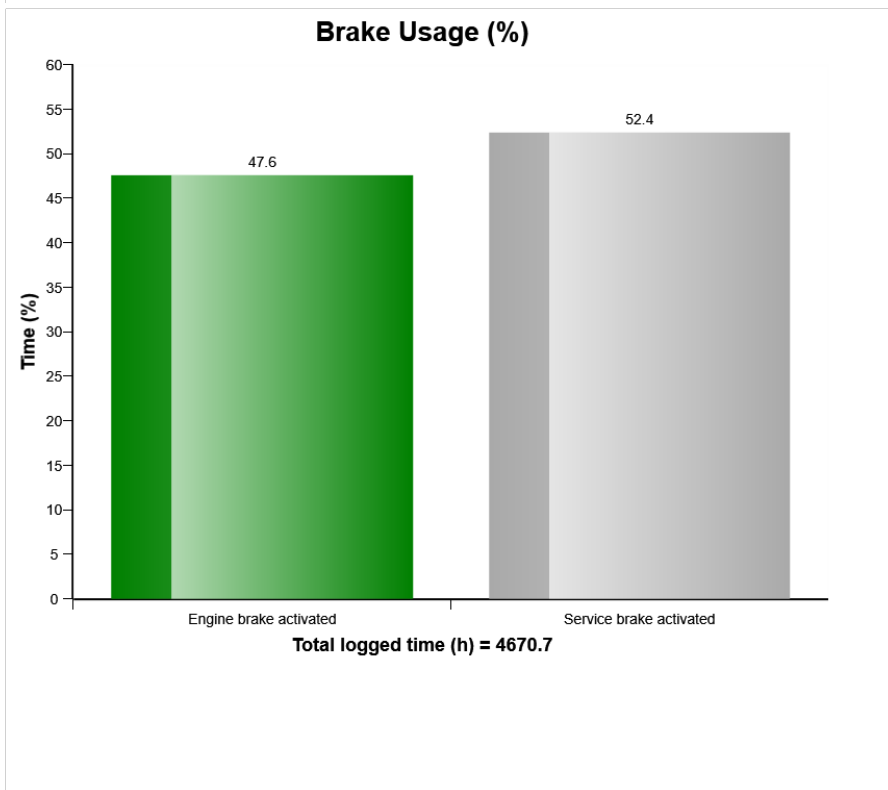
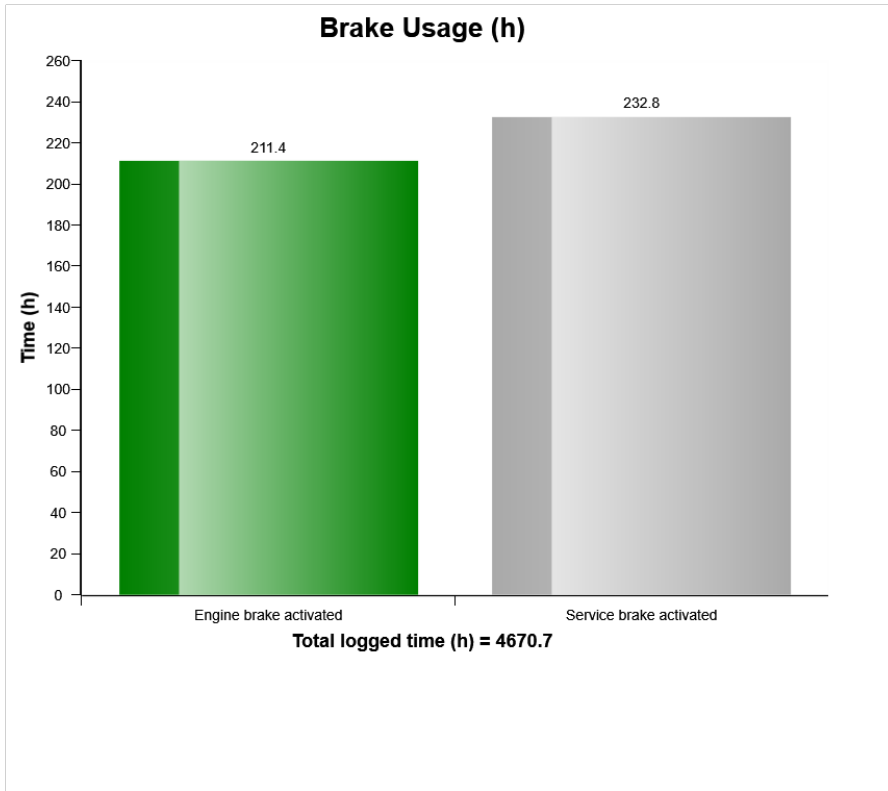


### Service brake cooling oil, second bogie axle temperature





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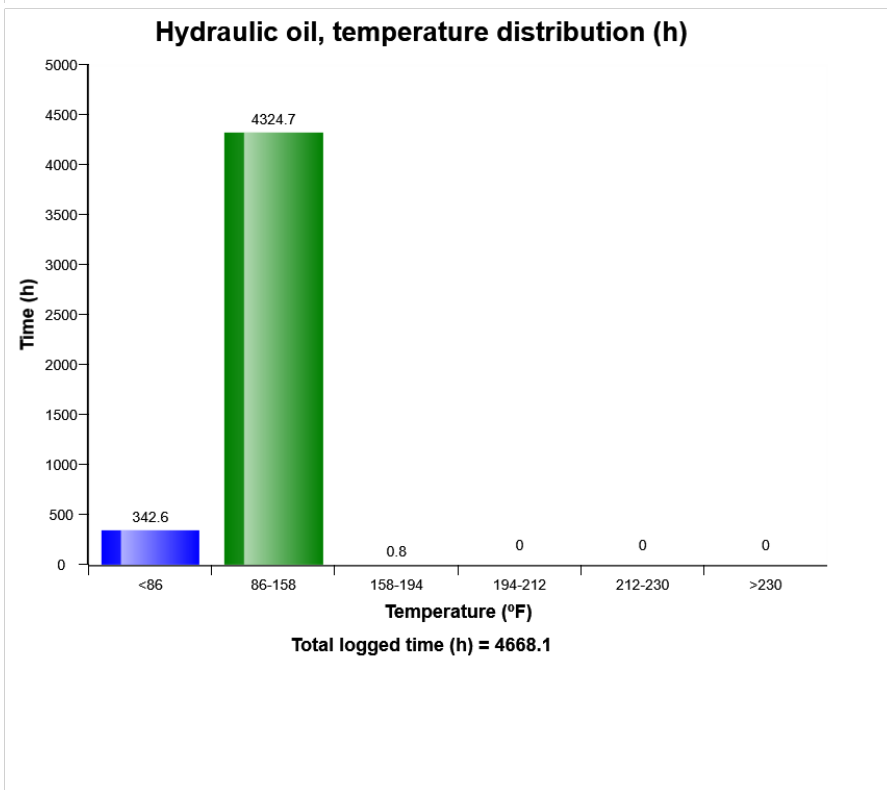
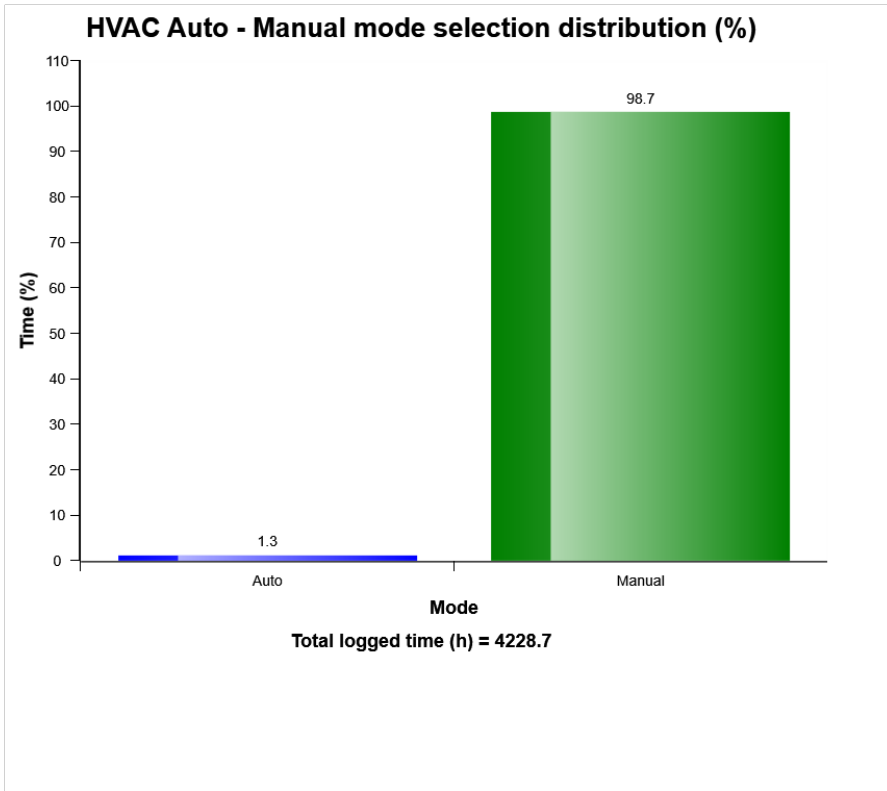
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**Low Brake Servo Pressure**  
**Total number of occurrences = 7**

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (psi)
<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>	2588	2018	7	24	7	48	0	1996
<b>B</b>	3105	2018	10	6	9	32	9	1599
<b>C</b>	3285	2018	11	6	9	45	9	1686
<b>D</b>	4278	2019	3	7	9	8	0	1841
<b>E</b>	4290	2019	3	9	8	36	0	1370
<b>F</b>	4389	2019	3	25	17	27	0	1736
<b>G</b>	4665	2019	6	3	15	30	0	1990



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