

VOLVO CONSTRUCTION EQUIPMENT MATRIS REPORT

Machine model A30G	SerialNo 342334	Operating Hours 3053	Reading Date 22/07/2019
Company name	Dealer	Report Issuer	
Contact name	Technician GoodallA	Primary Application Earth moving construction	
Site	Workorder W425314	Ground Condition	

MATRIS Reading, Summary / Recommendation



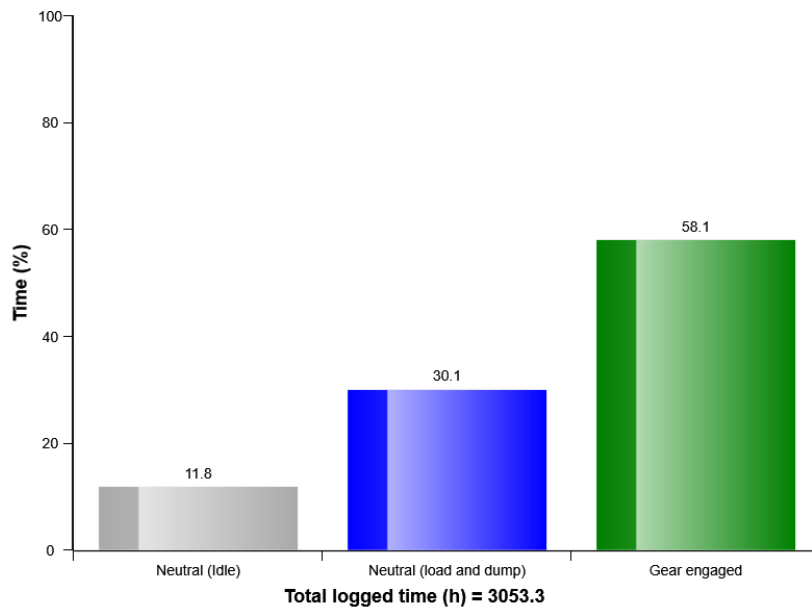
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A30G	342334	3053	22/07/2019

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

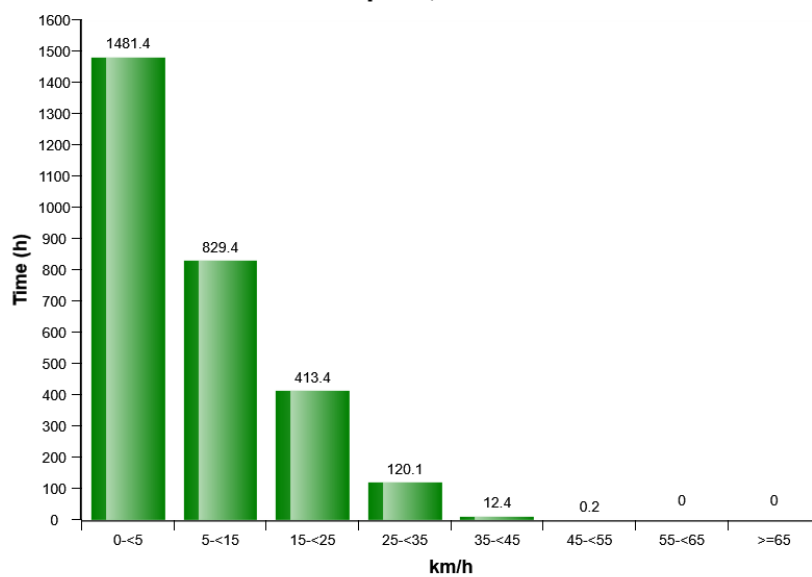


Machine model	SerialNo	Operating Hours	Reading Date
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Machine utilization (%)

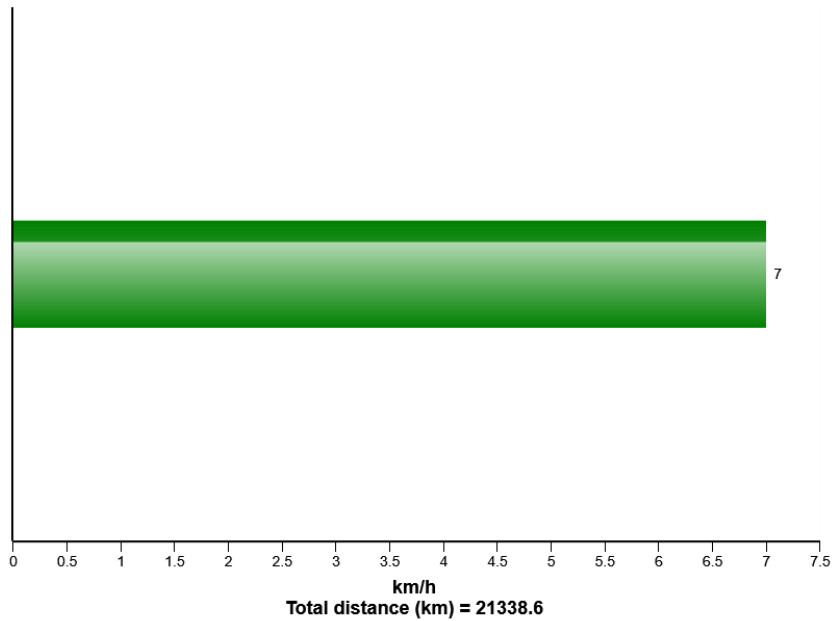


Machine speed, distribution

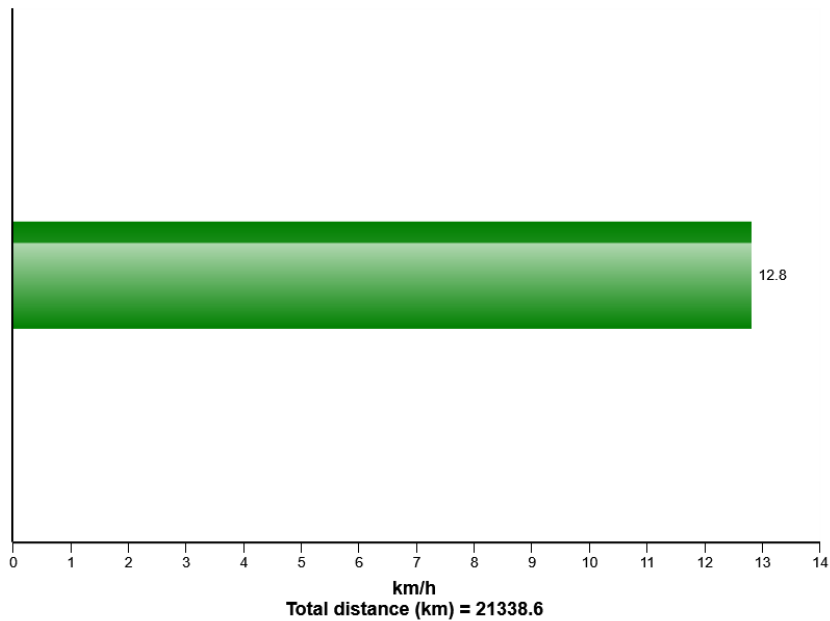


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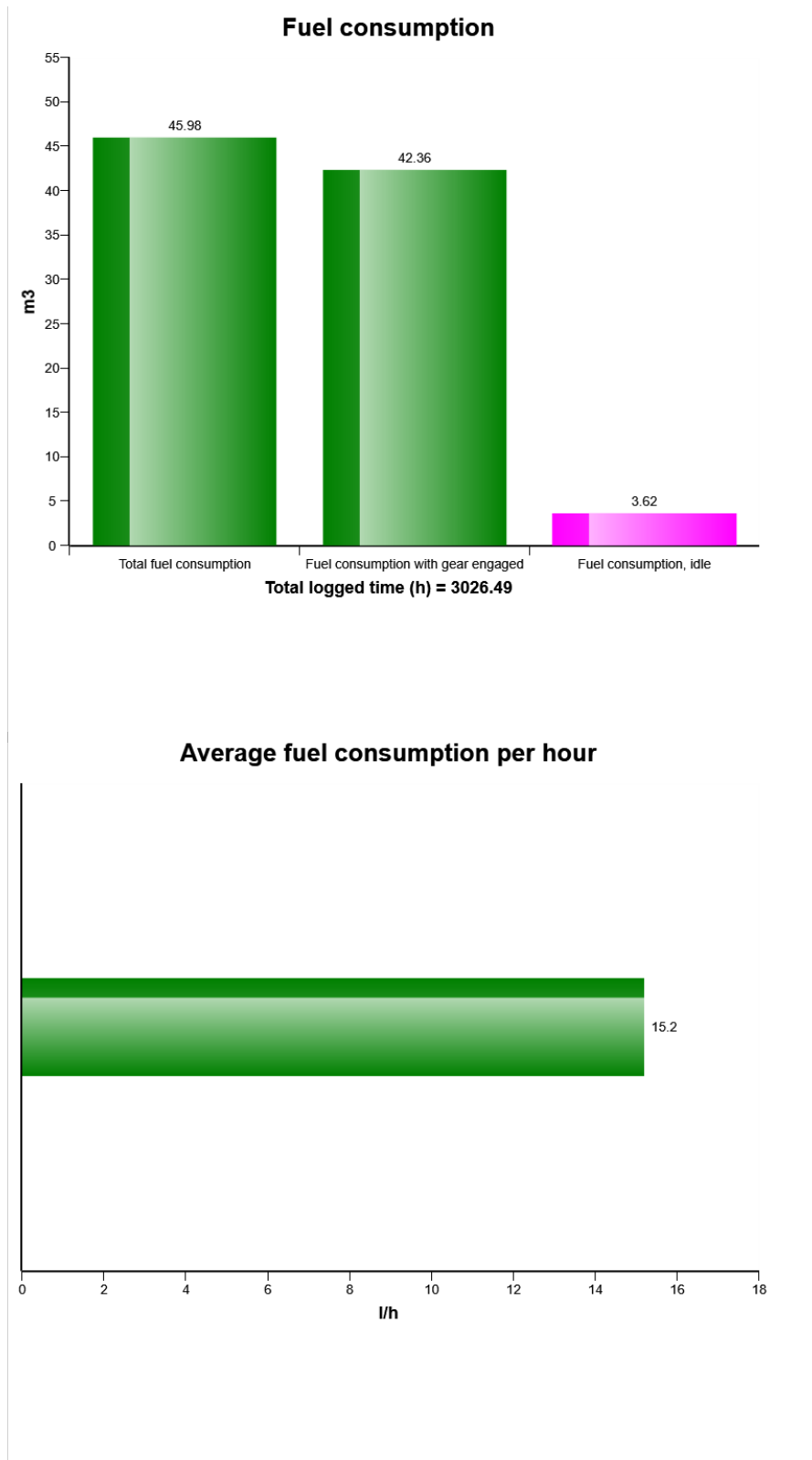
Average speed over total operating hours



Average speed with gear engaged

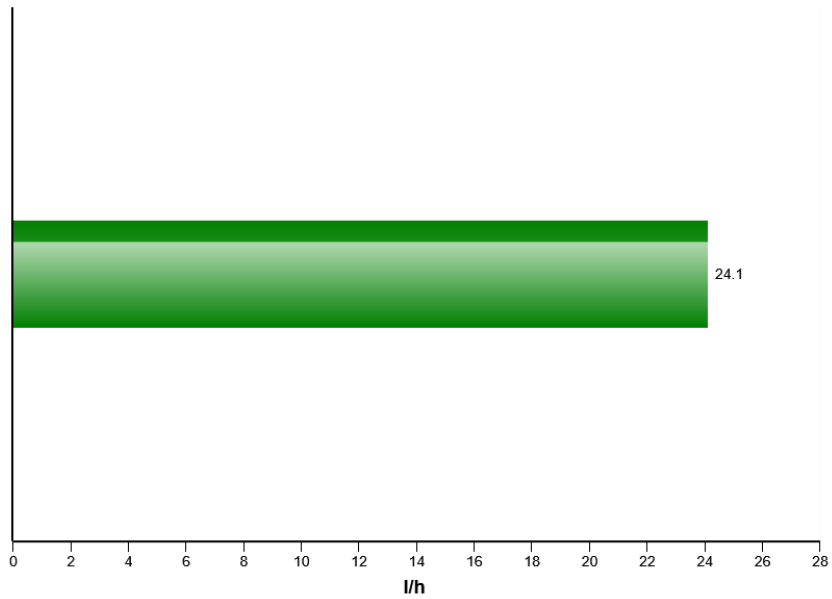


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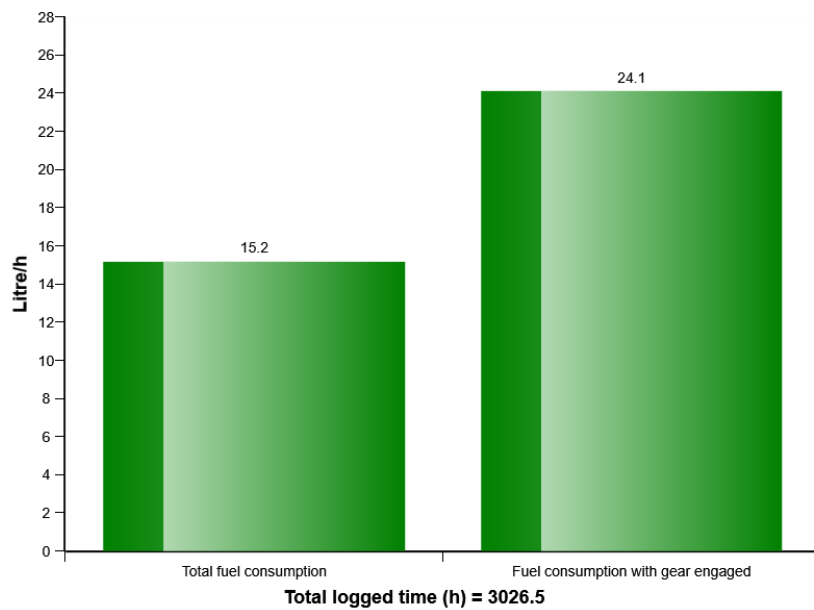


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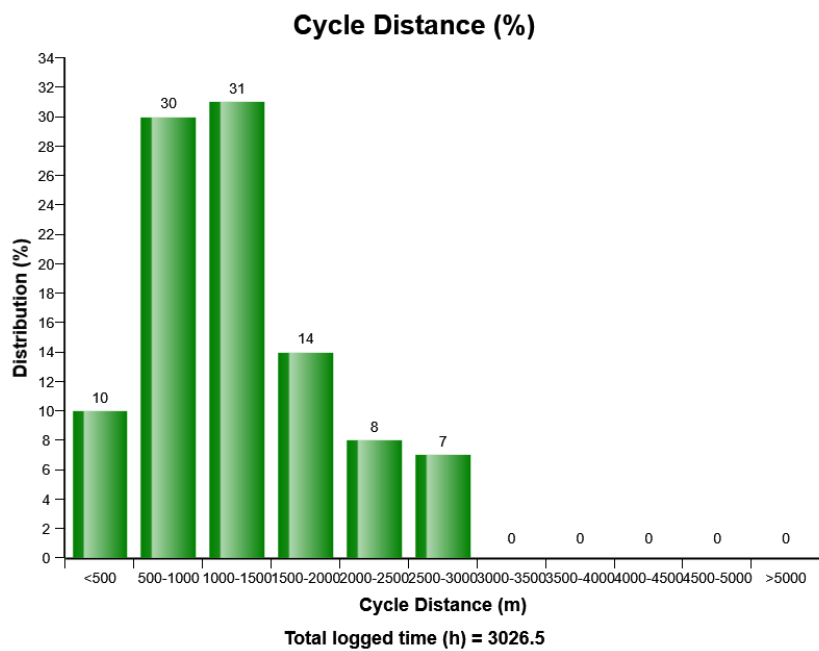
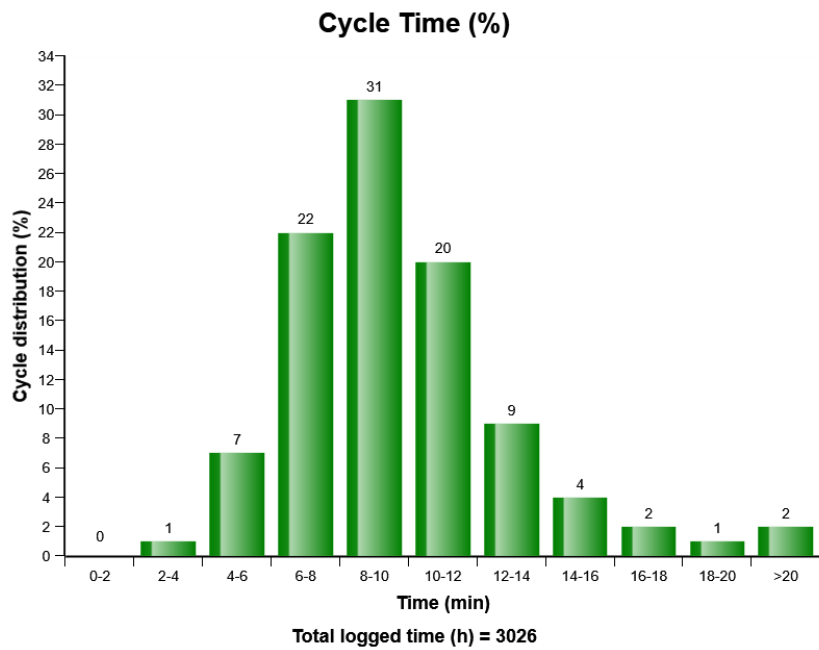
Average fuel consumption per hour with gear engaged



Average fuel consumption

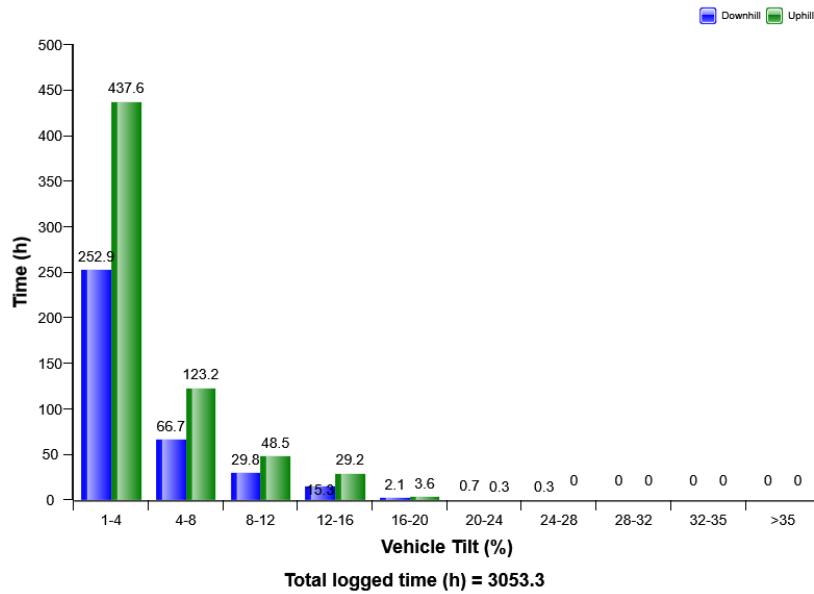


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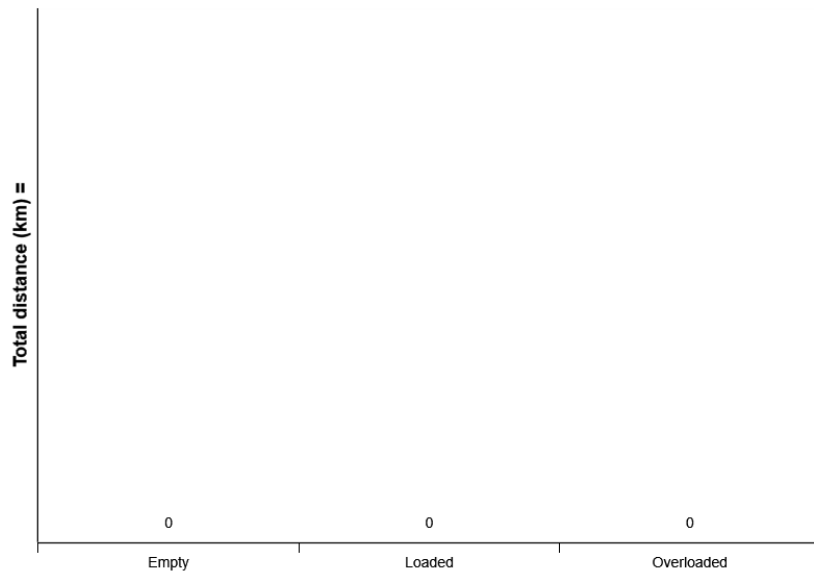


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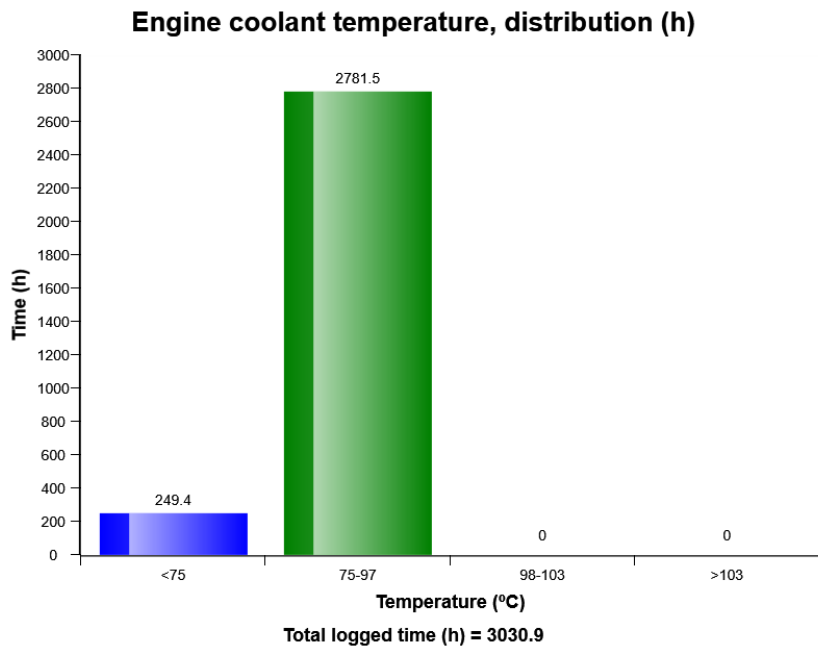
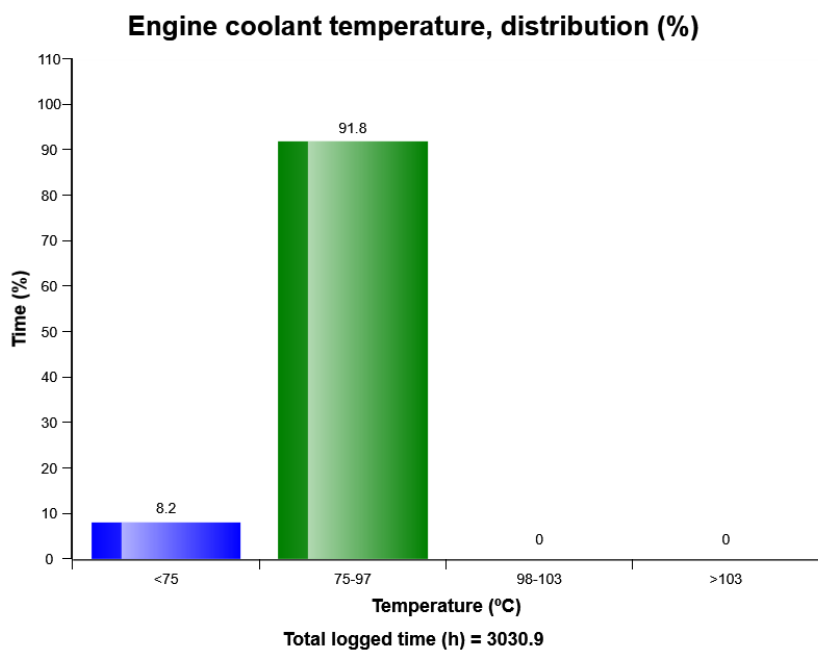
Vehicle Tilt (h)



Distribution distance empty vs loaded vs overloaded (km)

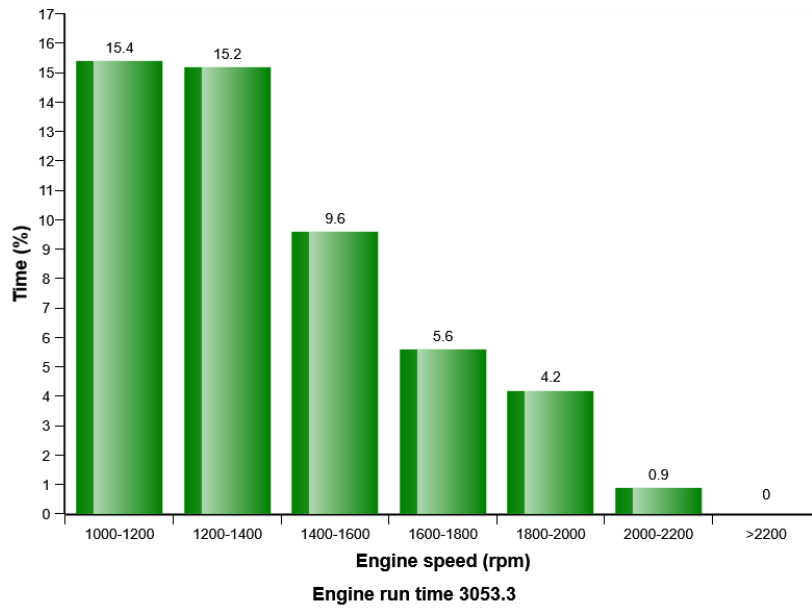


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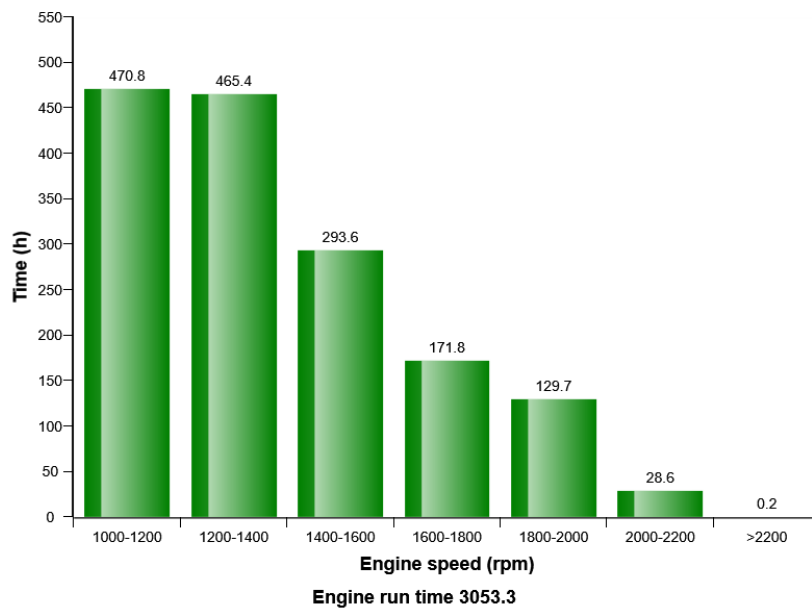


Machine model	SerialNo	Operating Hours	Reading Date
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Engine speed, distribution (%)

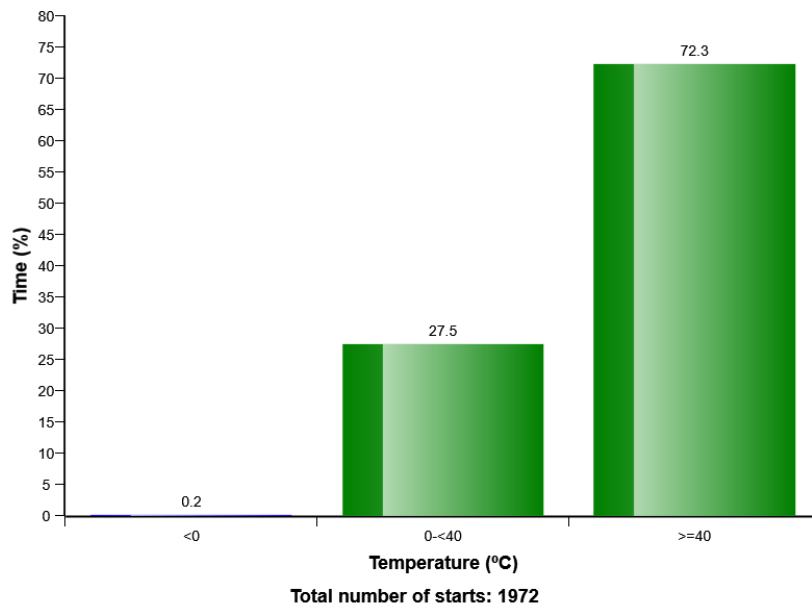


Engine speed, distribution (h)

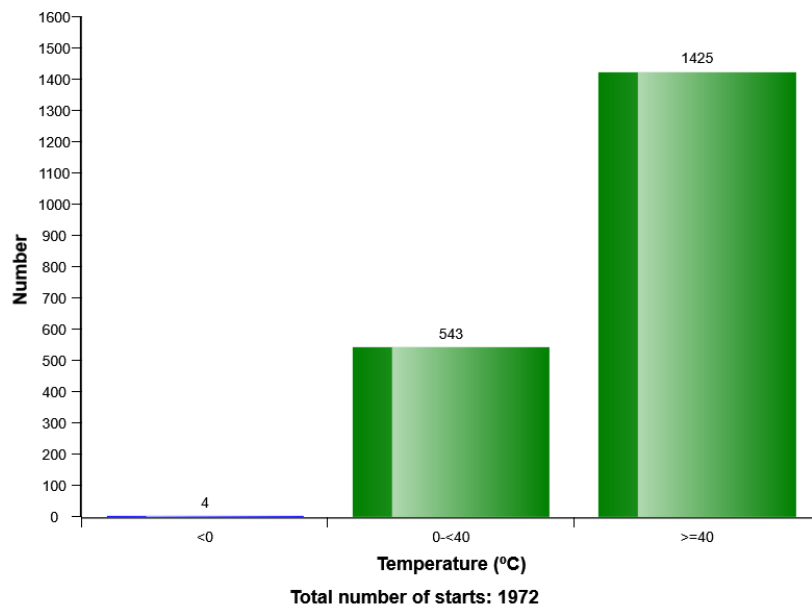


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Start at different engine coolant temperatures (%)



Start at different engine coolant temperatures



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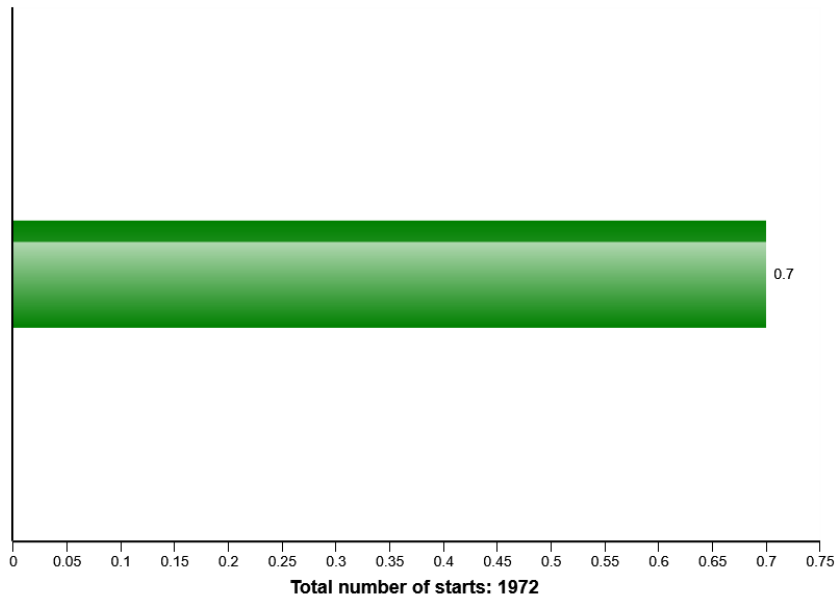
High engine coolant temperature
Total number of occurrences = 0

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (°C)
A	0	2000	0	0	0	0	0	0
B	0	2000	0	0	0	0	0	0
C	0	2000	0	0	0	0	0	0
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

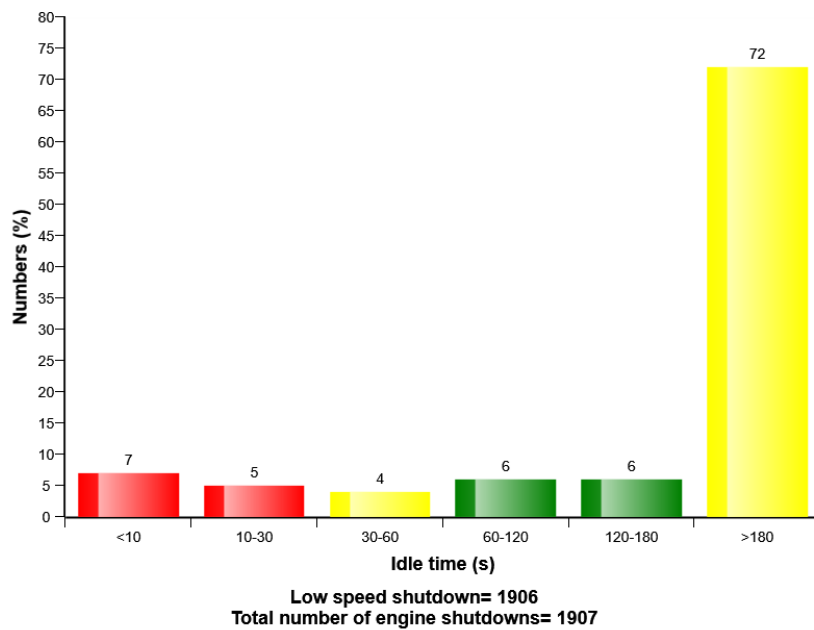


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Average number of starts per hour



Idle time before shut down (%)



Machine model	SerialNo	Operating Hours	Reading Date
A30G	342334	3053	22/07/2019

High engine oil temperature
Total number of occurrences = 0

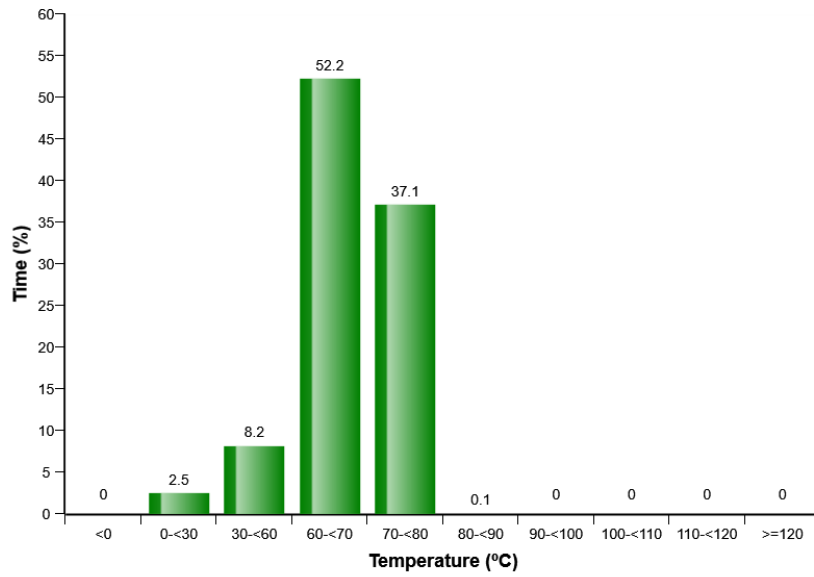
	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (°C)
A	0	2000	0	0	0	0	0	0
B	0	2000	0	0	0	0	0	0
C	0	2000	0	0	0	0	0	0
D	0	2000	0	0	0	0	0	0
E	0	2000	0	0	0	0	0	0
F	0	2000	0	0	0	0	0	0
G	0	2000	0	0	0	0	0	0
H	0	2000	0	0	0	0	0	0
I	0	2000	0	0	0	0	0	0
J	0	2000	0	0	0	0	0	0



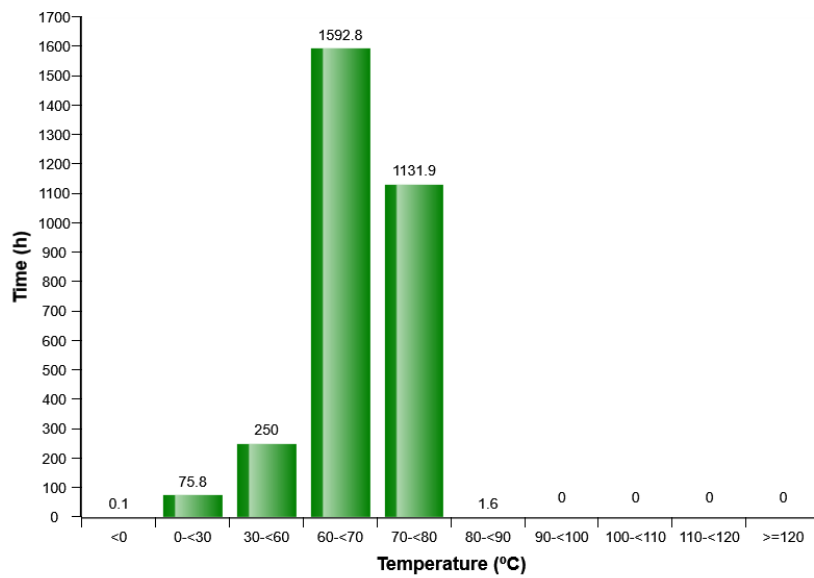
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Transmission oil, temperature distribution (%)

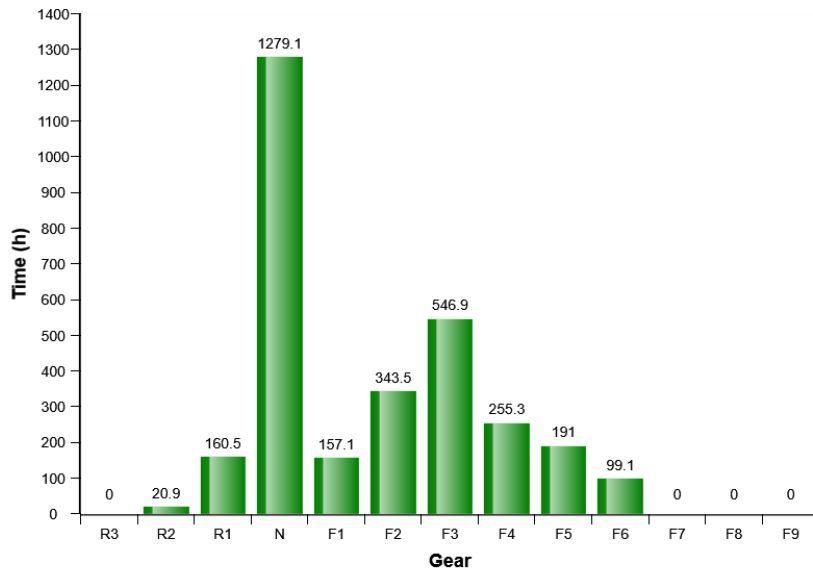


Transmission oil, temperature distribution (h)



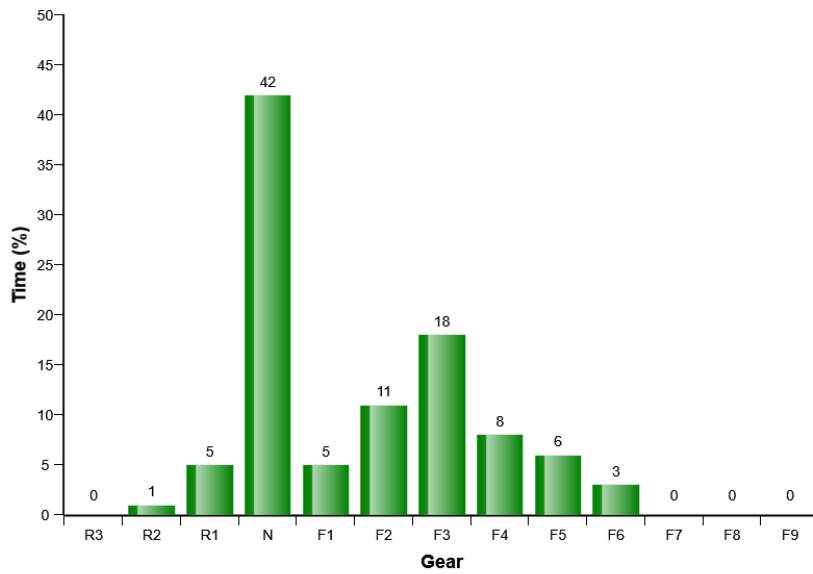
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Gears, time distribution (h)



Total logged time (h) = 3053.3

Gears, time distribution (%)

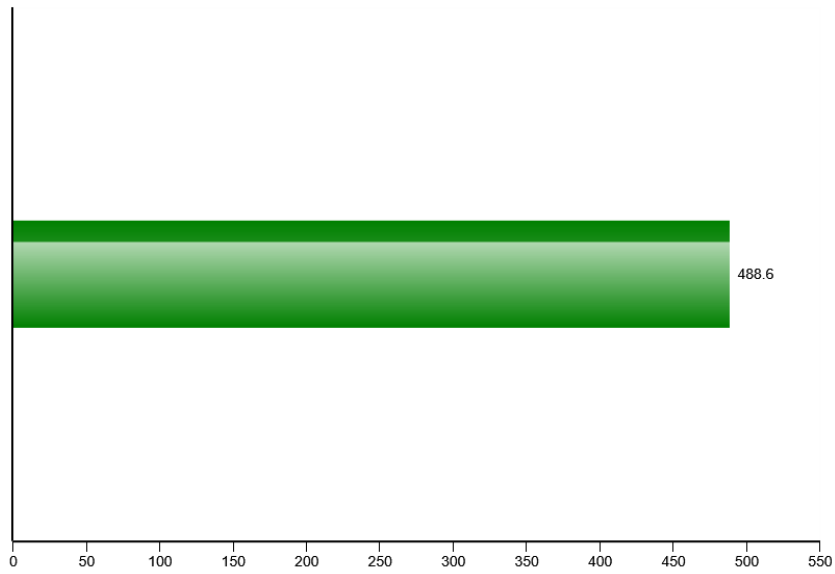


Total logged time (h) = 3053

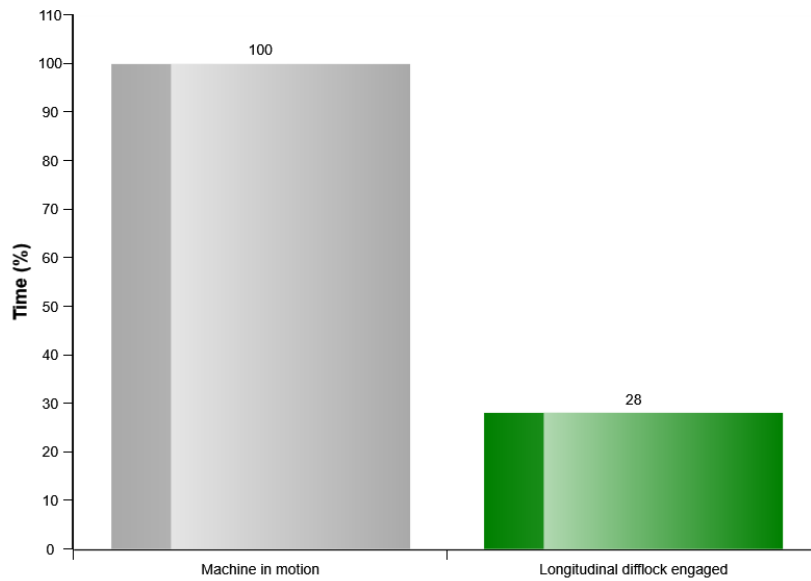


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Longitudinal difflock engaged (h)

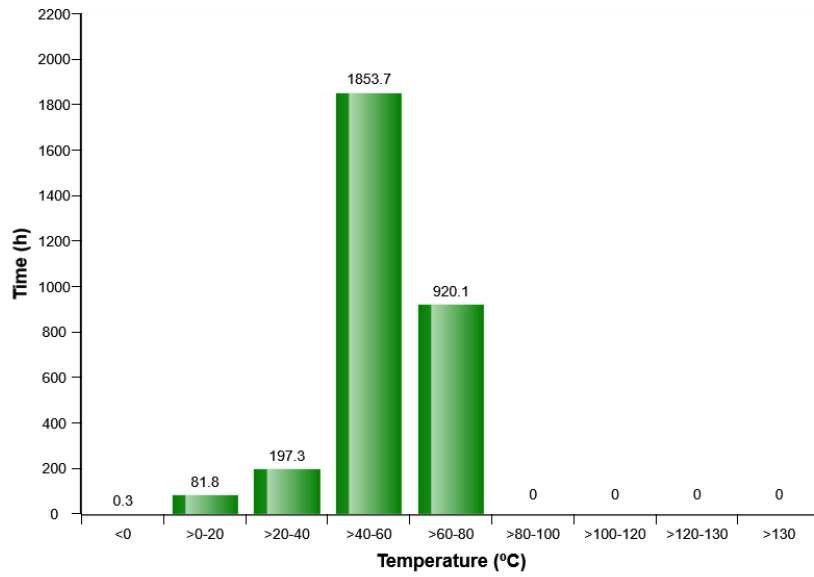


Longitudinal difflock use related to machine in motion (%)

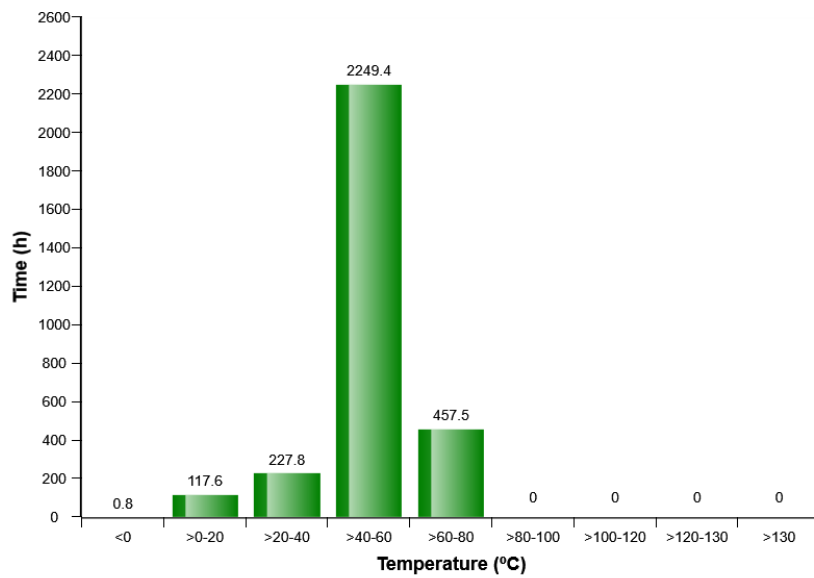


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Service brake cooling oil, front axle temperature



Service brake cooling oil, first bogie axle temperature



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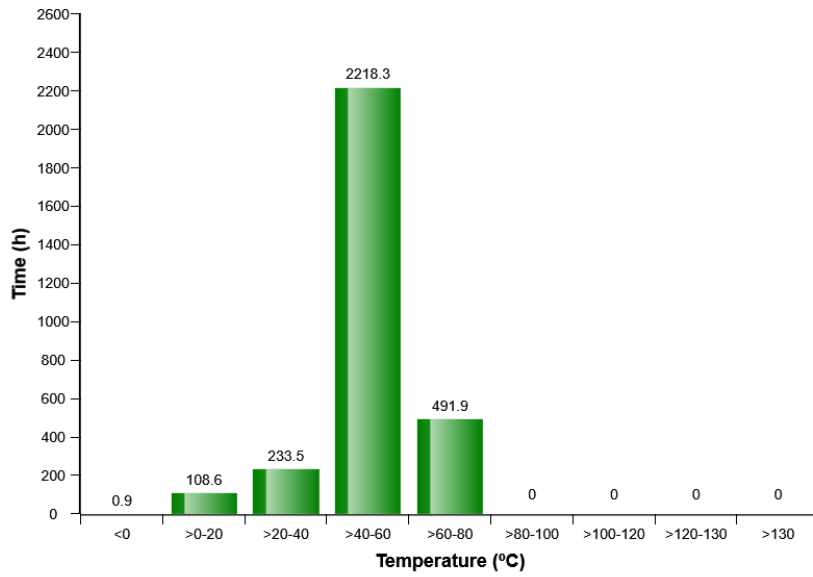
Low Brake Servo Pressure
Total number of occurrences = 4

	Op hours	Year	Month	Day	Hour	Minute	Duration (sec)	Extreme (bar)
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	1503	2018	7	25	6	34	1	132
B	1725	2018	8	28	10	26	2	131
C	2786	2019	5	13	14	5	2	132
D	3052	2019	7	4	8	45	2	130

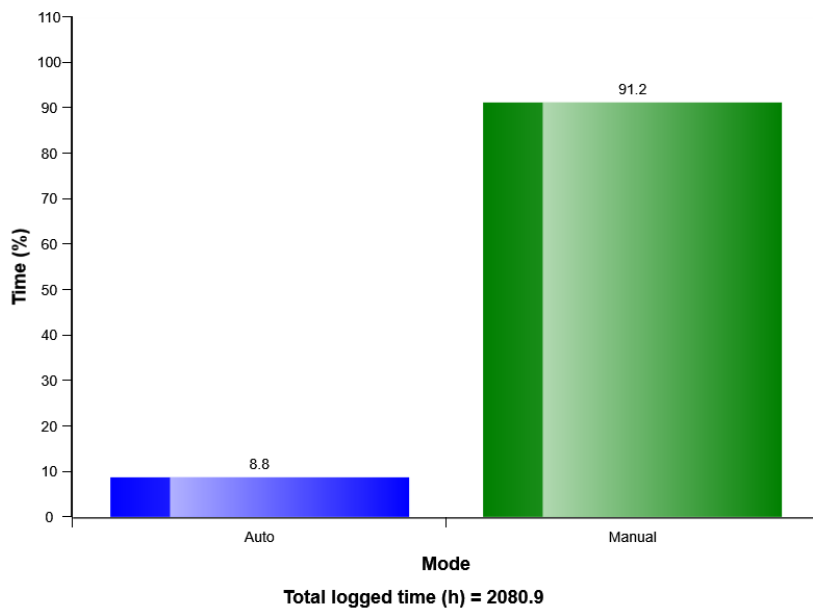


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Service brake cooling oil, second bogie axle temperature

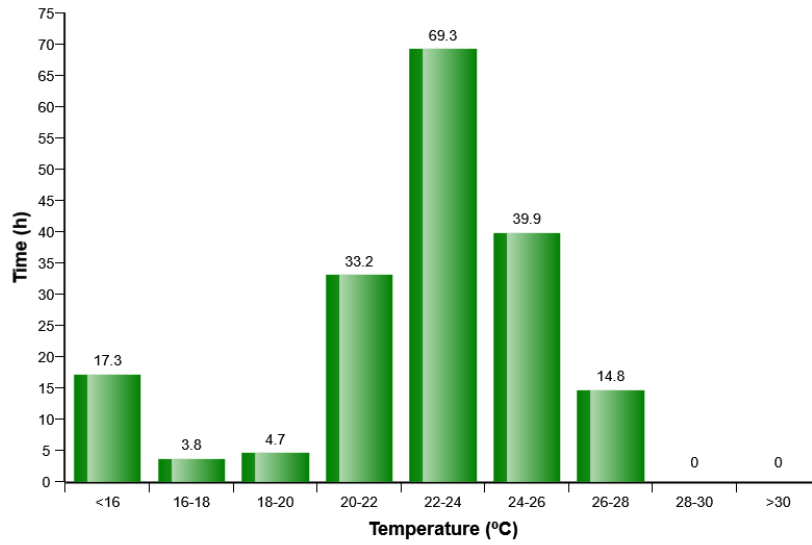


HVAC Auto - Manual mode selection distribution (%)

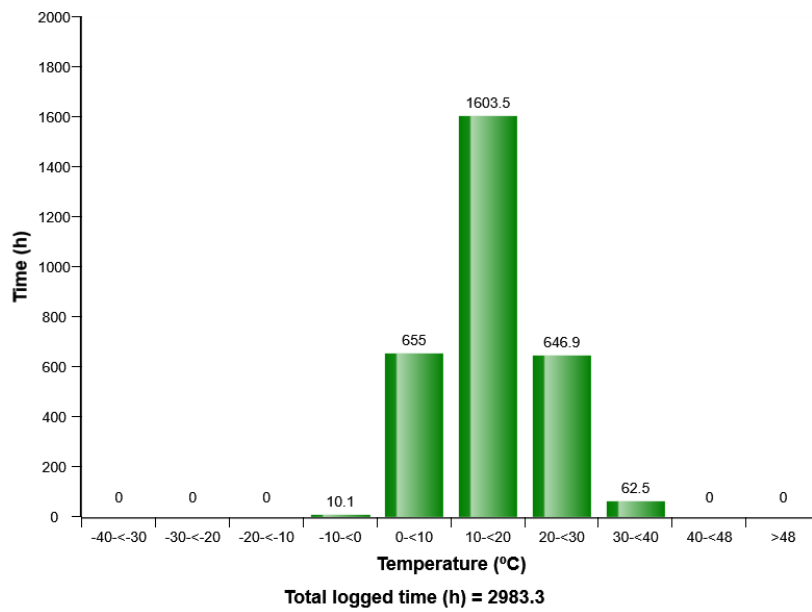


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HVAC air temperature setting in auto control mode distribution (h)

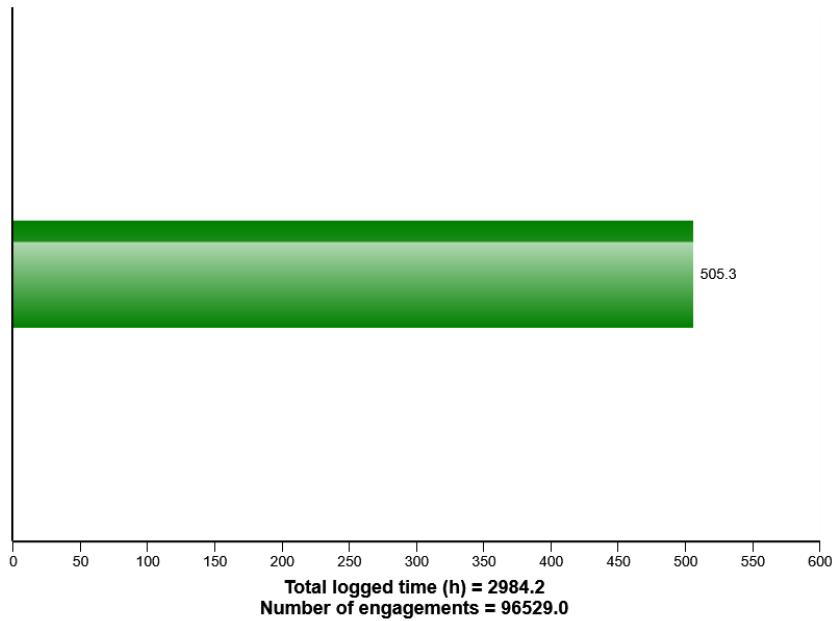


Machine ambient temperature distribution (h)

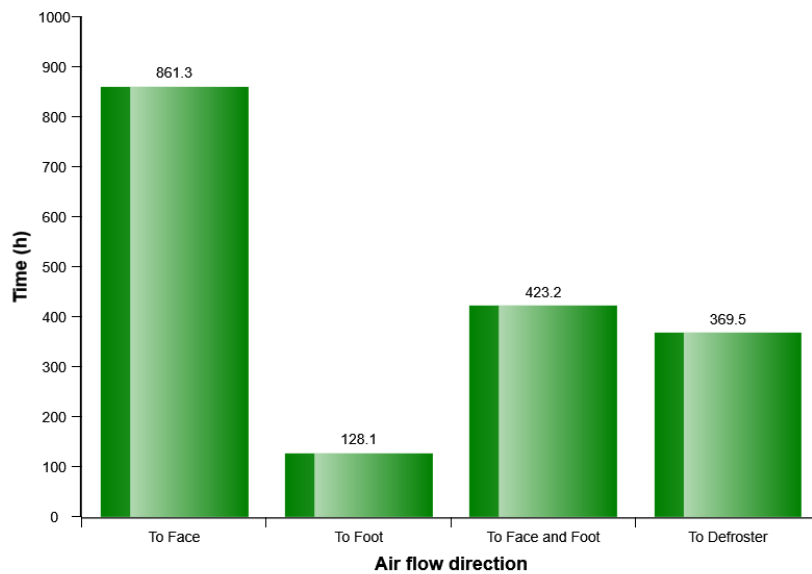


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AC Compressor usage

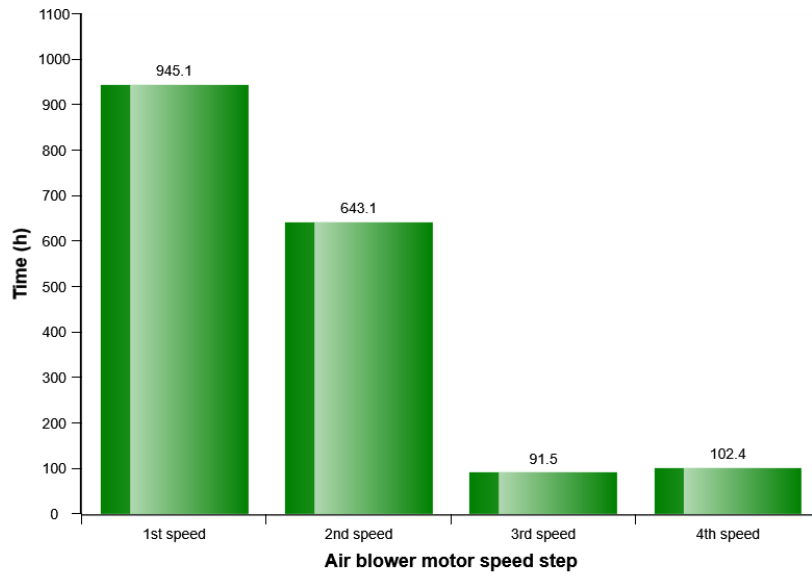


HVAC air flow direction in manual mode distribution (h)

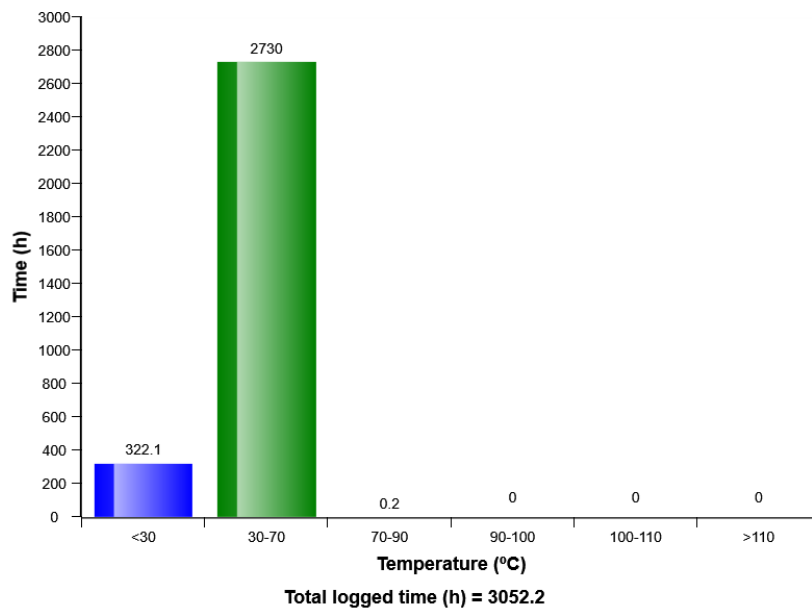


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HVAC air blower motor speed in manual mode distribution (h)



Hydraulic oil, temperature distribution (h)



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