Cat Electronic Technician 2019C v1.0

Product Status Report

23-9-2025 13:59

Product Status Report

Parameter	Value
Product ID	JPR00439
Equipment ID	NOT PROGRAMMED
Comments	

C9 972 (SYE05770)

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	SYE05770
ECM Part Number	4176020-00
ECM Serial Number	00956282VJ
Software Group Part Number	5903668-00
Software Group Release Date	APR20
Software Group Description	MWL 966/972 PS
Operator Inducement Regulation Configuration	Worldwide

Logged Diagnostic Codes [Diagnostic Clock = 12144 hours] - C9 972 (SYE05770)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 12144 hours] - C9 972 (SYE05770)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C9 972 (SYE05770)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C9 972 (SYE05770)

Code	Description
No Active Event Codes	

System Communication Status - Active Problems - C9 972 (SYE05770)

ECMs	Detected Problem	Data Link	Diagnostic Information

No issues were reported			

System Communication Status - Inactive Problems - C9 972 (SYE05770)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

Current Totals - C9 972 (SYE05770)

Description	Value	Unit
Total Idle Time	385:54	hours
Total Fuel	25905	L
Total Engine #1 Fuel	23380	L
Total Idle Fuel	361	L
Total Max Fuel	85231	L
Engine Lifetime Hours	12213,0	hours
Average Load Factor	30	%
Engine Starts	2238	
Lifetime Total Engine Revolutions	100461716	rev
Total Operating Hours	12145	hours
Operator Inducement Emergency Override Total Activations	0	
Operator Inducement Emergency Override Total Resets	0	
Total Engine Idle Shutdown Count	4773	
Total Engine Idle Shutdown Overrides Count	5171	
Total Delayed Engine Shutdown Count	5432	
Total Delayed Engine Shutdown Overrides Count	965	
Starts/Hour	0,18	
Average RPM	137,10	rpm
Percentage Idle Time	3,15	%
Average Fuel Rate	2,12	L/h
Overall Load Factor	30	%
SCR Operator Inducement Emergency Override Total Activation Time	0	sec

Configuration - C9 972 (SYE05770)

Description	Value	Unit
Equipment ID	NOT PROGRAMMED	
Engine Serial Number	SYE05770	
ECM Part Number	4176020-00	
ECM Serial Number	00956282VJ	
Software Group Part Number	5903668-00	

Software Group Release Date	APR20	
Software Group Description	MWL 966/972 PS	
Rating Number	2	
Rated Power	247 kW at 1800 rpm	
Rated Peak Torque	1710 N-m at 1200 rpm	
Ether Solenoid Configuration	Continuous Flow Solenoid	
Crankcase Pressure Sensor Installation Status	Installed	
Ambient Air Temperature Sensor Installation Status	Not Installed	
Fuel/Water Separator Switch Installation Status	Installed	
Low System Battery Voltage Elevated Idle	Enabled	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	
Transmission Engaged Engine Low Idle Speed Configuration	800	rpm
Machine Working Engine Low Idle Speed Configuration	800,0	rpm
Machine Hibernating Engine Low Idle Speed Configuration	650,0	rpm
Engine Idle Shutdown Enable Status	Enabled	
Engine Idle Shutdown Delay Time	10,0	min
Engine Idle Shutdown Ambient Temperature Override Enable Status	Disabled	
Delayed Engine Shutdown Enable Status	Disabled	
Delayed Engine Shutdown Maximum Time	15,0	min
Engine Fan Reversing Feature	Disabled	
Engine Fan Purge Cycle Interval	1200	sec
Engine Fan Purge Cycle Duration	25,0	sec
ARD Manual Disable Status	Not Disabled	
High Soot Load Aftertreatment Protection Enable Status	Enabled	
Operator Inducement Progress Configuration	Reduced Performance	
Operator Inducement Regulation Configuration	Worldwide	
Operator Inducement Emergency Override Enable Status	Disabled	
Operator Inducement Emergency Override Activation	Not Activated	
Operator Final Inducement Action	Shutdown	
Delayed Engine Shutdown Aftertreatment Gas Temperature Threshold	310,0	Deg C
Aftertreatment #1 DEF Quality Sensor Installation Status	Not Installed	
DPF Type	Type 1	
FLS	-19	
FTS	39	
CAN Communication Protocol Write Security	Seed and Key Access	

CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	35	

Lifetime:Accumulated Time vs Intake Manifold Pressure - C9 972 (SYE05770)

Intake Manifold Pressure(kPa)	hours	%
<80,00	1,35	1,34
80,00-89,99	0,15	0,15
90,00-99,99	0,60	0,59
100,00-109,99	1,25	1,24
110,00-119,99	1,60	1,58
120,00-129,99	1,85	1,83
130,00-139,99	2,30	2,28
140,00-149,99	3,15	3,12
150,00-159,99	4,50	4,46
160,00-169,99	7,80	7,72
170,00-179,99	16,10	15,94
180,00-189,99	26,05	25,79
190,00-199,99	21,70	21,49
200,00-209,99	9,20	9,11
210,00-219,99	2,90	2,87
220,00-229,99	0,50	0,50
230,00-239,99	0,00	0,00
240,00-249,99	0,00	0,00
250,00-259,99	0,00	0,00
260,00-269,99	0,00	0,00
270,00-279,99	0,00	0,00
280,00-289,99	0,00	0,00
290,00-299,99	0,00	0,00
300,00-309,99	0,00	0,00
310,00-319,99	0,00	0,00
320,00-329,99	0,00	0,00
330,00-339,99	0,00	0,00
340,00-349,99	0,00	0,00
350,00-359,99	0,00	0,00
360,00-369,99	0,00	0,00
370,00-379,99	0,00	0,00
380,00-389,99	0,00	0,00
390,00-399,99	0,00	0,00
400,00-409,99	0,00	0,00
410,00-419,99	0,00	0,00
420,00-429,99	0,00	0,00
430,00-439,99	0,00	0,00
440,00-449,99	0,00	0,00
450,00-459,99	0,00	0,00
460,00-469,99	0,00	0,00
470,00-479,99	0,00	0,00
480,00-489,99	0,00	0,00

490,00-499,99	0,00	0,00
500,00-509,99	0,00	0,00
510,00-519,99	0,00	0,00
520,00-529,99	0,00	0,00
530,00-539,99	0,00	0,00
540,00-549,99	0,00	0,00
550,00-559,99	0,00	0,00
560,00-569,99	0,00	0,00
570,00-579,99	0,00	0,00
580,00-589,99	0,00	0,00
590,00-600,00	0,00	0,00
>600,00	0,00	0,00

Lifetime:Accumulated Time vs Engine Coolant Temperature - C9 972 (SYE05770)

Engine Coolant Temperature(Deg C)	hours	%
<0,00	1,95	0,02
0,00-4,99	0,35	0,00
5,00-9,99	1,30	0,01
10,00-14,99	3,90	0,04
15,00-19,99	6,55	0,07
20,00-24,99	8,50	0,09
25,00-29,99	13,80	0,15
30,00-34,99	20,25	0,22
35,00-39,99	28,20	0,30
40,00-44,99	30,70	0,33
45,00-49,99	32,05	0,34
50,00-54,99	39,45	0,42
55,00-59,99	48,65	0,52
60,00-64,99	56,40	0,60
65,00-69,99	79,20	0,84
70,00-74,99	91,25	0,97
75,00-79,99	2414,20	25,72
80,00-84,99	6108,15	65,08
85,00-89,99	396,40	4,22
90,00-94,99	4,00	0,04
95,00-99,99	0,10	0,00
100,00-104,99	0,05	0,00
105,00-109,99	0,05	0,00
110,00-114,99	0,00	0,00
115,00-119,99	0,00	0,00
120,00-124,99	0,00	0,00
125,00-129,99	0,00	0,00
130,00-134,99	0,00	0,00
135,00-139,99	0,00	0,00
140,00-144,99	0,00	0,00
145,00-150,00	0,00	0,00
>150,00	0,00	0,00

Engine Overspeed Histogram: Accumulated Time (sec) vs Engine Speed - C9 972 (SYE05770)

Engine Speed(rpm)		%
2500,0-2599,9	229,00	98,28
2600,0-2699,9	4,00	1,72
2700,0-2799,9	0,00	0,00
2800,0-2899,9	0,00	0,00
2900,0-2999,9	0,00	0,00
3000,0-3099,9	0,00	0,00
3100,0-3199,9	0,00	0,00
3200,0-3299,9	0,00	0,00
3300,0-3400,0	0,00	0,00
>3400,0	0,00	0,00

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 972 (SYE05770)

rpm	<600,0	600,0-649,9	650,0-699,9	700,0-749,9	750,0-799,9	800,0-849,9	850,0-899,9	900,0-949,9	950,0-999,9
%									
<0,0	1,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
0,0-9,9	0,35	803,90	802,30	5,60	288,00	368,10	32,25	30,80	37,25
10,0-19,9	0,30	9,75	9,65	5,15	79,90	94,25	27,00	32,55	44,90
20,0-29,9	0,15	0,20	0,75	3,50	14,30	15,25	9,65	12,65	18,35
30,0-39,9	0,10	0,15	0,40	1,55	4,95	5,85	4,80	6,80	10,50
40,0-49,9	0,10	0,10	0,25	0,75	2,45	3,10	2,65	3,40	4,65
50,0-59,9	0,10	0,05	0,15	0,45	1,15	1,35	1,10	1,20	1,45
60,0-69,9	0,05	0,05	0,10	0,20	0,40	0,45	0,45	0,55	0,55
70,0-79,9	0,10	0,05	0,05	0,10	0,15	0,15	0,15	0,20	0,20
80,0-89,9	0,00	0,00	0,00	0,00	0,05	0,05	0,05	0,05	0,05
90,0-100,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
>100,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	3,05	814,25	813,65	17,30	391,35	488,55	78,10	88,20	117,90

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 972 (SYE05770)

rpm	1000,0-1049,9	1050,0-1099,9	1100,0-1149,9	1150,0-1199,9	1200,0-1249,9	1250,0-1299,9	1300,0-1349,9	1350,0-1399,9	1400,0-1449,9
%									
<0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
0,0-9,9	43,50	63,90	82,65	42,80	39,00	28,90	25,80	22,15	19,30
10,0-19,9	56,00	68,85	74,70	80,55	74,25	62,90	55,80	42,70	29,70

20,0-29,9	27,05	48,85	64,55	77,90	90,35	107,00	139,15	158,75	143,90
30,0-39,9	15,70	24,90	32,10	36,85	39,70	44,20	53,35	69,55	107,45
40,0-49,9	6,85	11,70	16,90	21,70	25,25	28,75	32,85	37,65	44,85
50,0-59,9	1,90	3,60	6,25	9,80	13,90	18,40	22,40	25,15	28,15
60,0-69,9	0,65	1,20	2,35	3,75	5,80	8,60	11,75	15,25	18,45
70,0-79,9	0,20	0,40	0,80	1,20	1,65	2,55	3,80	5,30	7,55
80,0-89,9	0,10	0,15	0,30	0,55	0,90	1,35	2,00	3,00	4,55
90,0-100,0	0,10	0,70	2,65	4,30	5,95	6,95	7,90	8,85	9,25
>100,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	152,05	224,25	283,25	279,40	296,75	309,60	354,80	388,35	413,15

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 972 (SYE05770)

rpm	1450,0-1499,9	1500,0-1549,9	1550,0-1599,9	1600,0-1649,9	1650,0-1699,9	1700,0-1749,9	1750,0-1799,9	1800,0-1849,9	1850,0-1899,9
%									
<0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
0,0-9,9	16,85	15,10	12,95	11,60	10,20	9,20	8,15	7,35	6,55
10,0-19,9	22,00	18,00	15,20	12,95	10,35	8,65	7,55	6,35	4,95
20,0-29,9	95,45	60,75	38,65	25,15	18,10	15,55	14,35	11,35	7,80
30,0-39,9	157,45	181,95	149,50	89,70	48,15	28,95	17,80	11,60	7,90
40,0-49,9	55,65	73,70	94,55	105,75	93,15	68,65	43,85	23,60	12,90
50,0-59,9	32,20	37,55	42,10	46,15	50,60	51,20	50,25	43,15	27,60
60,0-69,9	21,15	23,70	24,50	25,10	25,25	24,85	24,35	23,60	23,75
70,0-79,9	10,20	13,40	16,40	18,45	20,35	22,45	25,15	27,90	29,05
80,0-89,9	8,55	15,55	25,10	35,70	48,45	53,35	56,70	60,90	60,10
90,0-100,0	9,70	10,90	12,55	11,45	4,75	2,50	1,70	1,35	1,00
>100,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	429,20	450,60	431,50	382,00	329,35	285,35	249,85	217,15	181,60

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 972 (SYE05770)

rpm	1900,0-1949,9	1950,0-1999,9	2000,0-2049,9	2050,0-2099,9	2100,0-2149,9	2150,0-2199,9	2200,0-2249,9	2250,0-2299,9	2300,0-2349,9
%									

<0,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
0,0-9,9	5,65	4,95	3,90	3,20	2,45	2,00	1,65	1,30	0,65
10,0-19,9	3,55	2,35	1,50	0,95	0,60	0,35	0,20	0,70	0,00
20,0-29,9	5,35	3,60	2,25	1,50	0,90	0,55	0,30	1,20	0,05
30,0-39,9	5,50	3,95	2,65	1,80	1,20	0,70	0,40	0,80	0,05
40,0-49,9	8,35	6,00	4,25	3,00	1,65	0,75	0,50	0,80	0,05
50,0-59,9	14,00	7,10	4,05	2,85	1,70	0,80	0,55	1,35	0,15
60,0-69,9	22,80	13,50	5,35	2,80	1,55	0,90	0,95	1,15	0,15
70,0-79,9	29,50	36,15	55,85	13,10	5,10	7,90	3,45	1,05	0,15
80,0-89,9	57,60	57,20	46,85	27,20	20,15	2,40	2,50	0,80	0,15
90,0-100,0	0,70	0,40	0,15	0,05	0,05	0,05	0,05	0,00	0,00
>100,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	153,00	135,20	126,80	56,45	35,35	16,40	10,55	9,15	1,40

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 972 (SYE05770)

rpm	2350,0-2400,0	>2400,0	Total
%			
<0,0	0,00	0,00	1,80
0,0-9,9	0,30	0,25	2860,80
10,0-19,9	0,00	0,00	965,10
20,0-29,9	0,00	0,00	1235,15
30,0-39,9	0,00	0,00	1168,95
40,0-49,9	0,00	0,00	841,10
50,0-59,9	0,00	0,00	549,90
60,0-69,9	0,00	0,00	336,00
70,0-79,9	0,00	0,00	360,20
80,0-89,9	0,00	0,00	592,40
90,0-100,0	0,00	0,00	104,00
>100,0	0,00	0,00	0,00
Total	0,30	0,25	9015,40

Lifetime:Accumulated Time vs Intake Manifold Air Temperature - C9 972 (SYE05770)

Intake Manifold Air Temperature(Deg C)	hours	%
<0,00	105,30	1,12
0,00-4,99	203,25	2,17
5,00-9,99	443,80	4,73
10,00-14,99	620,80	6,61
15,00-19,99	752,40	8,02
20,00-24,99	912,30	9,72

25,00-29,99	1123,70	11,97
30,00-34,99	1264,25	13,47
35,00-39,99	1275,25	13,59
40,00-44,99	1124,25	11,98
45,00-49,99	823,45	8,77
50,00-54,99	461,95	4,92
55,00-59,99	199,10	2,12
60,00-64,99	59,80	0,64
65,00-69,99	13,30	0,14
70,00-74,99	2,25	0,02
75,00-79,99	0,25	0,00
80,00-84,99	0,00	0,00
85,00-89,99	0,00	0,00
90,00-94,99	0,00	0,00
95,00-99,99	0,00	0,00
100,00-104,99	0,00	0,00
105,00-109,99	0,00	0,00
110,00-114,99	0,00	0,00
115,00-120,00	0,00	0,00
>120,00	0,00	0,00

High Exhaust Temperature Prevention Derate Time - C9 972 (SYE05770)

Deg C	<40,00	40,00-44,99	45,00-49,99	50,00-54,99	55,00-59,99	60,00-64,99	65,00-69,99	70,00-74,99	75,00-79,99
kPa									
<60,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
60,00-67,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
68,00-75,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
76,00-83,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
84,00-91,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
92,00-100,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
>100,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

High Exhaust Temperature Prevention Derate Time - C9 972 (SYE05770)

Deg C	80,00-84,99	85,00-89,99	90,00-94,99	95,00-100,00	>100,00	Total
kPa						
<60,00	0,00	0,00	0,00	0,00	0,00	0,00
60,00-67,99	0,00	0,00	0,00	0,00	0,00	0,00
68,00-75,99	0,00	0,00	0,00	0,00	0,00	0,00
76,00-83,99	0,00	0,00	0,00	0,00	0,00	0,00
84,00-91,99	0,00	0,00	0,00	0,00	0,00	0,00
92,00-100,00	0,00	0,00	0,00	0,00	0,00	0,00
>100,00	0,00	0,00	0,00	0,00	0,00	0,00

Total	0,00	0,00	0,00	0,00	0,00	0,00

Lifetime:Accumulated Time vs Engine Speed - C9 972 (SYE05770)

Engine Speed(rpm)	hours	%
<550,0	2,55	0,03
550,0-599,9	0,60	0,01
600,0-649,9	841,75	8,97
650,0-699,9	842,55	8,98
700,0-749,9	17,75	0,19
750,0-799,9	431,70	4,60
800,0-849,9	540,85	5,76
850,0-899,9	79,95	0,85
900,0-949,9	89,95	0,96
950,0-999,9	120,30	1,28
1000,0-1049,9	156,05	1,66
1050,0-1099,9	244,55	2,61
1100,0-1149,9	319,00	3,40
1150,0-1199,9	300,40	3,20
1200,0-1249,9	308,70	3,29
1250,0-1299,9	315,55	3,36
1300,0-1349,9	361,45	3,85
1350,0-1399,9	395,55	4,21
1400,0-1449,9	422,75	4,50
1450,0-1499,9	439,15	4,68
1500,0-1549,9	460,70	4,91
1550,0-1599,9	446,60	4,76
1600,0-1649,9	397,30	4,23
1650,0-1699,9	336,35	3,58
1700,0-1749,9	291,50	3,11
1750,0-1799,9	255,35	2,72
1800,0-1849,9	222,10	2,37
1850,0-1899,9	186,10	1,98
1900,0-1949,9	157,55	1,68
1950,0-1999,9	139,05	1,48
2000,0-2049,9	129,00	1,37
2050,0-2099,9	57,60	0,61
2100,0-2149,9	36,05	0,38
2150,0-2199,9	16,75	0,18
2200,0-2249,9	10,75	0,11
2250,0-2299,9	9,60	0,10
2300,0-2349,9	1,40	0,01
2350,0-2399,9	0,30	0,00
2400,0-2449,9	0,15	0,00
2450,0-2499,9	0,05	0,00
2500,0-2549,9	0,05	0,00
2550,0-2599,9	0,00	0,00
2600,0-2649,9	0,00	0,00
2650,0-2699,9	0,00	0,00

2700,0-2749,9	0,00	0,00
2750,0-2799,9	0,00	0,00
2800,0-2849,9	0,00	0,00
2850,0-2899,9	0,00	0,00
2900,0-2949,9	0,00	0,00
2950,0-2999,9	0,00	0,00
3000,0-3049,9	0,00	0,00
3050,0-3099,9	0,00	0,00
3100,0-3149,9	0,00	0,00
3150,0-3199,9	0,00	0,00
3200,0-3249,9	0,00	0,00
3250,0-3299,9	0,00	0,00
3300,0-3349,9	0,00	0,00
3350,0-3400,0	0,00	0,00
>3400,0	0,00	0,00

Lifetime:Accumulated Time vs Air Inlet Temperature - C9 972 (SYE05770)

Air Inlet Temperature(Deg C)	hours	%
<(-20,00)	2,40	0,03
(-20,00)-(-15,01)	2,70	0,03
(-15,00)-(-10,01)	11,90	0,13
(-10,00)-(-5,01)	148,60	1,58
(-5,00)-(-0,01)	470,55	5,01
0,00-4,99	1147,00	12,22
5,00-9,99	1904,05	20,29
10,00-14,99	1654,25	17,63
15,00-19,99	1495,55	15,94
20,00-24,99	1380,10	14,71
25,00-29,99	814,10	8,67
30,00-34,99	295,00	3,14
35,00-39,99	56,30	0,60
40,00-44,99	2,60	0,03
45,00-49,99	0,05	0,00
50,00-54,99	0,00	0,00
55,00-59,99	0,00	0,00
60,00-64,99	0,00	0,00
65,00-69,99	0,00	0,00
70,00-74,99	0,00	0,00
75,00-80,00	0,00	0,00
>80,00	0,00	0,00

High Turbo Speed Prevention Derate Time - C9 972 (SYE05770)

Deg C	<5,00	5,00-14,99	15,00-24,99	25,00-34,99	35,00-44,99	45,00-54,99	55,00-65,00	>65,00	Total
kPa									
<60,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
60,00-67,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

68,00-75,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
76,00-83,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
84,00-91,99	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
92,00-100,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
>100,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Lifetime:Accumulated Time vs DPF #1 Soot Loading Percent And ARD Manual Disable Status - C9 972 (SYE05770)

%	<40	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119
ARD Manual Disable Status									
0	7446,70	1175,65	607,65	268,95	130,15	1,80	0,10	0,00	0,00
1	1,00	0,20	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	7447,70	1175,85	607,65	268,95	130,15	1,80	0,10	0,00	0,00

Lifetime:Accumulated Time vs DPF #1 Soot Loading Percent And ARD Manual Disable Status - C9 972 (SYE05770)

%	120-129	130-140	>140	Total
ARD Manual Disable Status				
0	0,00	0,00	0,00	9631,00
1	0,00	0,00	0,00	1,20
Total	0,00	0,00	0,00	9632,20

Injector Trim Calibration - C9 972 (SYE05770)

Injector	Serial Number	File Version
Injector1	00000000S3505741622E	0
Injector2	00000000S35057416329	0
Injector3	00000000S35059949386	0
Injector4	00000000S35057416020	0
Injector5	00000000S3505741691F	0
Injector6	00000000S35057414204	0

Monitoring System - C9 972 (SYE05770)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2600 rpm	0 sec
Most Severe (3)	Always On	2800 rpm	0 sec
Fuel Filter Restriction			
Least Severe (1)	Always On	70 %	1 sec
Moderate Severity (2)	Always On	100 %	1 sec
High Air Inlet #1 Differential Pressure			

Least Severe (1)	Always On	6,5 kPa	0 sec
Moderate Severity (2)	Always On	6,5 kPa	0 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	109 Deg C	10 sec
Moderate Severity (2)	Always On	111 Deg C	20 sec
High Fuel Temperature			
Moderate Severity (2)	Always On	79,0 Deg C	30 sec
High Fuel/Water Separator Water Level			
Least Severe (1)	Always On	None	40 sec
Moderate Severity (2)	Always On	None	3600 sec
High Intake Manifold Air Temperature			
Least Severe (1)	Always On	115,0 Deg C	4 sec
Moderate Severity (2)	Always On	120,0 Deg C	4 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Most Severe (3)	Always On	None	4 sec

Product Link Elite (JPR00439)

Parameter	Value
Product ID	JPR00439
Machine Serial Number	JPR00439
Equipment ID	
ECM Part Number	4590786-02
ECM Serial Number	2998F010TR
Software Group Part Number	6620310-00
Software Group Release Date	Nov2024
Software Group Description	VIMS_TELEMATICS_2024_11_26
Application Software Part Number	5646898-00
Cellular Device ECM Serial Number	3190S148YN
Cellular Device ECM Hardware Part Number	5555510-05
Cellular Radio Module Software Part Number	6620314-00
Satellite Device ECM Serial Number	NA
Satellite Device ECM Hardware Part Number	NA
Satellite Radio Module Software Part Number	NA

Logged Diagnostic Codes [Total Operating Hours = 12144 hours] - Product Link Elite (JPR00439)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Total Operating Hours = 12144 hours] - Product Link Elite (JPR00439)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link Elite (JPR00439)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link Elite (JPR00439)

Code	Description
No Active Event Codes	

Current Totals - Product Link Elite (JPR00439)

Description	Value	Unit
Total Operating Hours	12144,8	hours
Total Distance	73306,80	km

Configuration - Product Link Elite (JPR00439)

Description	Value	Unit
Product ID	JPR00439	
Equipment ID		
External Service Lamp Installation Configuration	Installed	
External Service Lamp Display Mode Setting	No Snapshot Notice	
Tire Monitoring System Installation Status	Unavailable	
CAT Data Link Module Identifier Configuration	Gateway #1	
Machine Serial Number	JPR00439	
Mining Aftermarket System Installation Status	Unavailable	
Maintenance Mode	Off	
Machine Payload Control System Installation Status	Not Installed	
Road Analysis System Installation Status	Not Installed	
Tire Analysis System Installation Status	Not Installed	
Tire Analysis System Temporary Installation Status	Not Installed	
Tire Analysis System Customer Enable Status	Disabled	
Tire Analysis System Temporary Installation Time Remaining	15000	min

Graphical Display (JPR00439)

Parameter	Value
ECM Part Number	4415131-01
ECM Serial Number	0585G048UU
Software Group Part Number	6172274-00
Software Group Release Date	NOV2021
Software Group Description	MWL_Information Display

Logged Diagnostic Codes - Graphical Display (JPR00439)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes - Graphical Display (JPR00439)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Graphical Display (JPR00439)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Graphical Display (JPR00439)

Code	Description
No Active Event Codes	

Configuration - Graphical Display (JPR00439)

Description	Value	Unit
Product ID	JPR00439	
Service Mode Enable Code	1234	
Display Language Status	English	
Information Units Status	Metric	
Display Weight Units Configuration	Tonne (metric)	
Display System Mode	Normal	
Camera System Installation Status	Installed	
Number of Cameras	1	
Object Detection System Enable Status	Disabled	
Object Detection System Radar Type Configuration Code	Disabled or Not Installed	
Object Detection Alarm Mode	Disabled or Not Installed	

Transmission 972M (FPR00446)

Parameter	Value
Product ID	JPR00439
Equipment ID	
Transmission Serial Number	FPR00446
ECM Part Number	3656790-04
ECM Serial Number	35746035QQ
Software Group Part Number	6323543-00
Software Group Release Date	OCT2022
Software Group Description	972 Transmission
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 12144 hours] - Transmission 972M (FPR00446)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 12144 hours] - Transmission 972M (FPR00446)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Transmission 972M (FPR00446)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Transmission 972M (FPR00446)

Code	Description
No Active Event Codes	

Current Totals - Transmission 972M (FPR00446)

Description	Value	Unit
Total Forward Distance	62130,60	km
Total Neutral Gear Operating Hours	3616	hours
Total Hours Coasting In Neutral	0	hours
Total Distance Coasting In Neutral	0,0	km
Total Number of Coasting in Neutral Occurrences	0	
Total Number of Coasting in Neutral Protection Active Occurrences	27	
Total Hours Coasting in Neutral Protection Active	0,074	hours
Total Distance Coasting in Neutral Protection Active	23,3	km
Total Reverse Distance	11176,20	km
Total Powertrain Oil Filter Bypass Hours	0,44	hours

Configuration - Transmission 972M (FPR00446)

Description	Value	Unit
Transmission Serial Number	FPR00446	
Lockup Clutch Installation Status	Installed	
Transmission Maximum Forward Gear	4	
Transmission Maximum Reverse Gear	4	
Forward to Reverse Desired Gear	2	
Reverse to Forward Desired Gear	2	

Ground Speed Limiter Installation Status	Not Installed	
Operator Requested Forward Machine Speed Limit	40,0	km/h
Operator Requested Reverse Machine Speed Limit	40,0	km/h
CTS Enabled	Enabled	
Tire Rolling Radius	825	mm
Economy Mode	Off	
Integrated Braking System Manual Mode Enable Status	Enabled	
Level Operation Neutralization Offset Setpoint	2,0	%
Moderate Slope Operation Neutralization Offset Setpoint	6,0	%
Aggressive Slope Operation Neutralization Offset Setpoint	10,0	%
Differential Lock Installation Configuration	Front	
Automatic Differential Lock Feature Installation Status	Not Installed	
Axle Oil Cooler Installation Status	Installed	
Advanced Machine Security System Installation Status	Not Installed	
Operator Identification Enable Status	Disabled	
Operator Management Radio Frequency Identification Device Enabled Status	Disabled	
Tire Monitoring System Installation Status	Not Installed	
Left Front Tire Pressure/Temperature Sensor Identification Number		
Right Front Tire Pressure/Temperature Sensor Identification Number		
Left Rear Tire Pressure/Temperature Sensor Identification Number		
Right Rear Tire Pressure/Temperature Sensor Identification Number		
Tire Monitoring System First Alert Low Pressure Percentage Threshold	Unavailable	%
Tire Monitoring System Second Alert Low Pressure Percentage Threshold	Unavailable	%
Tire Monitoring System Alert High Pressure Percentage Threshold	Unavailable	%
Auto Lube System Installation Status	Installed	
Auto Lube System Configuration Code	1	
Auto Lube Cycle Configuration	25	
Lubrication Cycle Set Command	Cycle Mode #3	
Lubrication Operation Mode Set Command	Automatic	
DEF Level Full Alarm Enable Status	Enabled	
EngineerDataEnble	Disabled	

Lifetime:Time vs Torque Converter Outlet Temperature - Transmission 972M (FPR00446)

Torque Converter Outlet Temperature(Deg C)	hours	%
<60,0	585,15	38,69

60,0-64,9	205,50	13,59
65,0-69,9	195,55	12,93
70,0-74,9	182,25	12,05
75,0-79,9	155,30	10,27
80,0-84,9	105,65	6,99
85,0-89,9	56,15	3,71
90,0-94,9	20,35	1,35
95,0-99,9	5,35	0,35
100,0-104,9	0,85	0,06
105,0-109,9	0,25	0,02
110,0-114,9	0,10	0,01
115,0-119,9	0,00	0,00
120,0-124,9	0,00	0,00
125,0-129,9	0,00	0,00
130,0-134,9	0,00	0,00
135,0-139,9	0,00	0,00
140,0-145,0	0,00	0,00
>145,0	0,00	0,00

Lifetime:Time vs Front Axle Oil Temperature - Transmission 972M (FPR00446)

Front Axle Oil Temperature(Deg C)	hours	%
<0,0	21,15	1,39
0,0-4,9	18,10	1,19
5,0-9,9	17,25	1,13
10,0-14,9	27,30	1,79
15,0-19,9	35,25	2,32
20,0-24,9	58,20	3,83
25,0-29,9	91,45	6,01
30,0-34,9	113,35	7,45
35,0-39,9	127,90	8,41
40,0-44,9	122,30	8,04
45,0-49,9	119,75	7,87
50,0-54,9	93,65	6,16
55,0-59,9	76,15	5,01
60,0-64,9	69,55	4,57
65,0-69,9	88,40	5,81
70,0-74,9	113,05	7,43
75,0-79,9	125,00	8,22
80,0-84,9	105,25	6,92
85,0-89,9	58,20	3,83
90,0-94,9	25,90	1,70
95,0-99,9	12,25	0,81
100,0-104,9	1,85	0,12
105,0-109,9	0,05	0,00
110,0-114,9	0,00	0,00
115,0-119,9	0,00	0,00
120,0-124,9	0,00	0,00

125,0-129,9	0,00	0,00
130,0-135,0	0,00	0,00
>135,0	0,00	0,00

Lifetime:Time vs Rear Axle Oil Temperature - Transmission 972M (FPR00446)

Rear Axle Oil Temperature(Deg C)	hours	%
<0,0	21,50	1,41
0,0-4,9	16,70	1,10
5,0-9,9	20,70	1,36
10,0-14,9	27,60	1,81
15,0-19,9	46,35	3,05
20,0-24,9	84,50	5,55
25,0-29,9	120,60	7,93
30,0-34,9	124,80	8,20
35,0-39,9	127,75	8,40
40,0-44,9	127,10	8,35
45,0-49,9	105,25	6,92
50,0-54,9	85,05	5,59
55,0-59,9	79,75	5,24
60,0-64,9	89,35	5,87
65,0-69,9	115,80	7,61
70,0-74,9	126,35	8,30
75,0-79,9	109,75	7,21
80,0-84,9	54,45	3,58
85,0-89,9	26,05	1,71
90,0-94,9	10,25	0,67
95,0-99,9	1,70	0,11
100,0-104,9	0,05	0,00
105,0-109,9	0,00	0,00
110,0-114,9	0,00	0,00
115,0-119,9	0,00	0,00
120,0-124,9	0,00	0,00
125,0-129,9	0,00	0,00
130,0-135,0	0,00	0,00
>135,0	0,00	0,00

Lifetime:Time vs Ground Speed - Transmission 972M (FPR00446)

Ground Speed(km/h)	hours	%
<0,8	110,75	10,31
0,8-3,1	163,55	15,23
3,2-5,5	189,65	17,66
5,6-7,9	194,30	18,09
8,0-10,4	116,50	10,85
10,5-12,8	69,95	6,51
12,9-15,2	50,25	4,68
15,3-17,6	48,05	4,47
17,7-20,0	40,15	3,74

20,1-22,4	29,75	2,77
22,5-24,8	22,55	2,10
24,9-27,3	15,75	1,47
27,4-29,7	11,15	1,04
29,8-32,1	6,45	0,60
32,2-34,5	3,15	0,29
34,6-36,9	1,40	0,13
37,0-39,3	0,50	0,05
39,4-41,7	0,05	0,00
41,8-44,2	0,00	0,00
44,3-46,6	0,00	0,00
46,7-49,0	0,00	0,00
49,1-51,4	0,00	0,00
51,5-53,8	0,00	0,00
53,9-56,3	0,00	0,00
>56,3	0,00	0,00

Lifetime:Time vs Torque Converter Speed Ratio - Transmission 972M (FPR00446)

Torque Converter Speed Ratio( )	hours	%
<0,000	0,00	0,00
0,000-0,099	76,80	7,15
0,100-0,199	43,60	4,06
0,200-0,299	52,45	4,88
0,300-0,399	60,45	5,63
0,400-0,499	96,70	9,00
0,500-0,599	137,35	12,79
0,600-0,699	147,60	13,74
0,700-0,799	135,50	12,62
0,800-0,899	99,25	9,24
0,900-0,999	124,75	11,62
1,000-1,099	77,30	7,20
1,100-1,199	6,55	0,61
1,200-1,299	4,00	0,37
1,300-1,399	2,70	0,25
1,400-1,499	1,95	0,18
1,500-1,599	1,50	0,14
1,600-1,699	1,15	0,11
1,700-1,800	0,90	0,08
>1,800	3,40	0,32

Ground Speed at Directional Shift Occurrences - Transmission 972M (FPR00446)

Ground Speed(km/h)		%
<0,8	40764,00	35,67
0,8-2,3	27906,00	24,42
2,4-3,9	18256,00	15,98
4,0-5,5	13629,00	11,93
5,6-7,1	9372,00	8,20

7,2-8,8	3739,00	3,27
8,9-10,4	505,00	0,44
10,5-12,0	86,00	0,08
12,1-13,6	15,00	0,01
13,7-15,2	4,00	0,00
15,3-16,8	1,00	0,00
16,9-18,4	0,00	0,00
18,5-20,0	0,00	0,00
20,1-21,6	0,00	0,00
21,7-23,2	0,00	0,00
23,3-24,8	0,00	0,00
24,9-26,5	0,00	0,00
26,6-28,1	0,00	0,00
28,2-29,7	0,00	0,00
29,8-31,3	0,00	0,00
31,4-32,9	0,00	0,00
33,0-34,6	0,00	0,00
>34,6	0,00	0,00

Shift Count Matrix - Transmission 972M (FPR00446)

To	N	R1	R2	R3	R4	1	2	3	4
From									
N	---	1419	94717	38	107	1649	98115	308	494
R1	1384	---	3094	397	2	17439	19251	5	0
R2	37566	19248	---	140567	135	2898	711529	280	34
R3	1477	2030	40188	---	3326	334	96083	84	1
R4	61	12	394	2380	---	1	723	3	49
1	25320	18722	280721	13	0	---	12810	4266	46
2	94398	123	446083	32	0	248568	---	406218	4257
3	28944	16	42876	91	0	65534	237901	---	168326
4	7665	2	4191	5	53	5476	23291	132524	---

Engine #1 Aftertreatment Controller

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	SYE05770
ECM Part Number	3943902-02
ECM Serial Number	05057024QU
Software Group Part Number	5903669-00
Software Group Release Date	APR20
Software Group Description	AFT_T4F_C9.3_HWA_A5E2V1

Logged Diagnostic Codes [Diagnostic Clock = 12144 hours] - Engine #1 Aftertreatment Controller

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 12144 hours] - Engine #1 Aftertreatment Controller

Code	Description	Occ.	First	Last
E114 (1)	Aftertreatment #1 DEF Dosing Unit #1 Input Lines Not Purged	4	12143	12144
E1466 (1)	Operator Forced Shutdown with High Exhaust Temperature	77	11667	12144

Active Diagnostic Codes - Engine #1 Aftertreatment Controller

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Engine #1 Aftertreatment Controller

Code	Description
No Active Event Codes	

System Communication Status - Active Problems - Engine #1 Aftertreatment Controller

ECMs	Detected Problem	Data Link	Diagnostic Information

System Communication Status - Inactive Problems - Engine #1 Aftertreatment Controller

ECMs	Detected Problem	Data Link	Diagnostic Information
Device 1: Engine #1 Aftertreatment Controller	Device #1 is unable to communicate on the data link.	J1939 #2	Diagnostic Code: 2348-9 - Service Hour Meter: 00:00:00 -

Current Totals - Engine #1 Aftertreatment Controller

Description	Value	Unit
DPF #1 Last Ash Service Engine Lifetime Hours	10048,5	hours
Total ARD Fuel	2525,625	L
Aftertreatment #1 Total DEF Used	4556,9	L
Exhaust Particulate Control System Diagnostic Time	0	sec
Exhaust Particulate Control System Diagnostic Count	0	

Configuration - Engine #1 Aftertreatment Controller

Description	Value	Unit
Equipment ID	NOT PROGRAMMED	
Engine Serial Number	SYE05770	
ECM Serial Number	05057024QU	
ECM Part Number	3943902-02	
Software Group Part Number	5903669-00	
Software Group Release Date	APR20	
Software Group Description	AFT_T4F_C9.3_HWA_A5E2V1	
ARD Auto Regeneration Enable Status	Enabled	
Factory Installed Aftertreatment #1 Identification Number	CAB096829A	

ARD Fuel Pressure #2 System Installation Status	Not Installed	
Parameter: 0x0000F8C7	NOT_PROG	
Parameter: 0x0000F8C7	NOT_PROG	

Aftertreatment Regeneration History - Engine #1 Aftertreatment Controller

Aftertreatment Regeneration Speed Type	Aftertreatment Regeneration Trigger Type	ARD Auto Regeneration Enable Status	Regeneration Start Time	Regeneration Trigger Service Hours	Application Regeneration Readiness Status	Aftertreatment Regeneration Trigger Percent Soot	Aftertreatment Regeneration End Speed Type	Aftertreatment Regeneration End Trigger Type
Low Speed	Start	Enabled	23-9-2025 18:29:55	12144,34 hours	5	3 %	Low Speed	Start
Low Speed	Start	Enabled	19-9-2025 16:36:29	12144,17 hours	5	3 %	High Speed	Start
High Speed	Start	Enabled	18-9-2025 15:47:08	12143,81 hours	6	9 %	High Speed	Start
High Speed	Start	Enabled	11-9-2025 13:04:31	12143,20 hours	2	15 %	High Speed	Start
Low Speed	Start	Enabled	8-9-2025 19:07:51	12142,86 hours	6	21 %	Low Speed	Start
High Speed	Start	Enabled	29-8-2025 17:06:14	12142,29 hours	1	27 %	High Speed	Start
High Speed	Start	Enabled	29-8-2025 12:25:30	12141,89 hours	2	27 %	High Speed	Start
High Speed	Start	Enabled	28-8-2025 20:08:58	12141,56 hours	2	31 %	High Speed	Start
High Speed	Start	Enabled	27-8-2025 20:43:40	12140,83 hours	1	34 %	High Speed	Start
High Speed	Start	Enabled	19-8-2025 13:49:44	12139,66 hours	1	39 %	High Speed	Start
High Speed	Start	Enabled	19-8-2025 13:33:47	12139,40 hours	1	39 %	High Speed	Start
High Speed	Start	Enabled	14-8-2025 14:38:12	12139,22 hours	1	44 %	High Speed	Start
High Speed	Start	Enabled	13-8-2025 13:13:24	12138,91 hours	1	48 %	High Speed	Start
High Speed	Start	Enabled	7-8-2025 18:21:50	12138,18 hours	1	44 %	High Speed	Start
High Speed	Start	Enabled	6-8-2025 21:12:58	12137,77 hours	1	48 %	High Speed	Start
High Speed	Start	Enabled	5-8-2025 13:15:18	12136,12 hours	1	47 %	High Speed	Start

High Speed	Start	Enabled	4-8-2025 21:06:21	12135,85 hours	2	48 %	High Speed	Start
High Speed	Start	Enabled	4-8-2025 20:51:20	12135,60 hours	1	46 %	High Speed	Start
High Speed	Start	Enabled	25-7-2025 13:09:04	12135,05 hours	2	40 %	High Speed	Start
High Speed	Start	Enabled	24-7-2025 20:52:09	12134,74 hours	1	38 %	High Speed	Start
High Speed	Start	Enabled	24-7-2025 20:37:03	12134,49 hours	1	35 %	High Speed	Start
High Speed	Start	Enabled	21-7-2025 16:10:02	12134,07 hours	2	38 %	High Speed	Start
High Speed	Start	Enabled	21-7-2025 15:54:43	12133,82 hours	1	35 %	High Speed	Start
High Speed	Start	Enabled	18-7-2025 15:53:03	12133,63 hours	1	36 %	High Speed	Start
High Speed	Start	Enabled	16-7-2025 14:45:00	12132,88 hours	1	35 %	High Speed	Start
High Speed	Start	Enabled	16-7-2025 14:30:12	12132,65 hours	1	34 %	High Speed	Start
High Speed	Start	Enabled	8-7-2025 16:29:19	12131,63 hours	1	39 %	High Speed	Start
Low Speed	Start	Enabled	7-7-2025 15:36:38	12131,16 hours	5	40 %	High Speed	Start
High Speed	Start	Enabled	3-7-2025 13:11:43	12128,45 hours	1	37 %	High Speed	Start
High Speed	Start	Enabled	2-7-2025 14:18:17	12125,54 hours	1	30 %	High Speed	Start
High Speed	Start	Enabled	1-7-2025 18:37:05	12125,17 hours	1	34 %	High Speed	Start
High Speed	Start	Enabled	26-6-2025 19:00:17	12124,79 hours	2	39 %	High Speed	Start
High Speed	Start	Enabled	25-6-2025 17:49:38	12122,37 hours	1	36 %	High Speed	Start
High Speed	Start	Enabled	24-6-2025 13:15:43	12119,78 hours	1	31 %	High Speed	Start
High Speed	Start	Enabled	24-6-2025 13:00:08	12119,52 hours	1	29 %	High Speed	Start
High Speed	Start	Enabled	23-6-2025 15:01:49	12119,00 hours	1	31 %	High Speed	Start
High Speed	Start	Enabled	19-6-2025 13:09:51	12116,10 hours	1	28 %	High Speed	Start

High Speed	Start	Enabled	18-6-2025 13:05:23	12114,12 hours	1	24 %	High Speed	Start
High Speed	Start	Enabled	17-6-2025 15:46:55	12112,94 hours	1	26 %	High Speed	Start
High Speed	Start	Enabled	17-6-2025 15:32:03	12112,69 hours	5	24 %	High Speed	Start

Regeneration End Time	Regeneration Completion Service Hours	Aftertreatment Regeneration End Percent Soot	Aftertreatment Regeneration End Status
23-9-2025 18:38:11	12144,44 hours	0 %	Complete
19-9-2025 16:37:15	12144,17 hours	3 %	Work
18-9-2025 15:52:12	12143,89 hours	6 %	Work
11-9-2025 13:12:35	12143,34 hours	8 %	Complete
8-9-2025 19:16:10	12142,96 hours	13 %	Complete
29-8-2025 17:14:24	12142,43 hours	20 %	Complete
29-8-2025 12:27:16	12141,92 hours	27 %	Unsuccessful
28-8-2025 20:16:57	12141,70 hours	26 %	Complete
27-8-2025 20:51:37	12140,96 hours	28 %	Complete
19-8-2025 13:57:44	12139,80 hours	32 %	Complete
19-8-2025 13:35:06	12139,42 hours	39 %	Unsuccessful
14-8-2025 14:46:13	12139,35 hours	38 %	Complete
13-8-2025 13:21:22	12139,03 hours	42 %	Complete
7-8-2025 18:22:14	12138,19 hours	44 %	Unsuccessful
6-8-2025 21:20:57	12137,90 hours	44 %	Complete
5-8-2025 13:23:18	12136,26 hours	40 %	Complete
4-8-2025 21:13:44	12135,98 hours	42 %	Complete
4-8-2025 20:51:42	12135,61 hours	46 %	Unsuccessful
25-7-2025 13:10:07	12135,06 hours	40 %	Unsuccessful
24-7-2025 21:00:03	12134,87 hours	35 %	Complete
24-7-2025 20:37:30	12134,49 hours	35 %	Unsuccessful
21-7-2025 16:17:20	12134,19 hours	32 %	Complete
21-7-2025 15:55:10	12133,82 hours	36 %	Unsuccessful
18-7-2025 16:01:08	12133,76 hours	33 %	Complete
16-7-2025 14:52:30	12133,01 hours	30 %	Complete
16-7-2025 14:30:22	12132,65 hours	34 %	Unsuccessful
8-7-2025 16:37:27	12131,77 hours	31 %	Complete
7-7-2025 15:45:07	12131,30 hours	36 %	Complete
3-7-2025 13:19:51	12128,59 hours	30 %	Complete
2-7-2025 14:26:44	12125,68 hours	22 %	Complete
1-7-2025 18:45:08	12125,30 hours	29 %	Complete
26-6-2025 19:08:29	12124,93 hours	32 %	Complete
25-6-2025 17:57:39	12122,50 hours	30 %	Complete
24-6-2025 13:23:29	12119,91 hours	25 %	Complete
24-6-2025 13:00:58	12119,54 hours	29 %	Unsuccessful
23-6-2025 15:10:03	12119,13 hours	28 %	Complete

19-6-2025 13:18:10	12116,24 hours	20 %	Complete
18-6-2025 13:13:43	12114,26 hours	18 %	Complete
17-6-2025 15:54:41	12113,07 hours	19 %	Complete
17-6-2025 15:32:17	12112,69 hours	24 %	Unsuccessful

Aftertreatment Abnormal Shutdown History - Engine #1 Aftertreatment Controller

Engine Shutdown Type	Engine Shutdown Service Hours	Engine Startup Time After Shutdown Time & Date	Temperature Threshold	Ambient Air Temperature
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12144,10 hours	18-9-2025 20:45:29	310,0 Deg C	15,8 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12143,85 hours	18-9-2025 20:33:00	310,0 Deg C	21,2 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12141,75 hours	29-8-2025 12:22:30	310,0 Deg C	14,3 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12139,39 hours	19-8-2025 13:31:03	310,0 Deg C	15,5 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12138,15 hours	7-8-2025 18:19:06	310,0 Deg C	19,1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12136,55 hours	5-8-2025 17:19:34	310,0 Deg C	21,7 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12136,05 hours	5-8-2025 13:12:22	310,0 Deg C	15,2 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12135,55 hours	4-8-2025 20:48:38	310,0 Deg C	20,1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12135,05 hours	25-7-2025 13:06:25	310,0 Deg C	23,4 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12133,75 hours	21-7-2025 15:52:04	310,0 Deg C	26,3 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12133,55 hours	18-7-2025 15:50:26	310,0 Deg C	27,1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12133,35 hours	17-7-2025 15:03:43	310,0 Deg C	25,5 Deg C

Hot Shutdown (Above DPF Inlet Temperature Threshold)	12132,65 hours	16-7-2025 14:27:26	310,0 Deg C	23,8 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12119,45 hours	24-6-2025 12:57:29	310,0 Deg C	12,4 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12118,65 hours	19-6-2025 17:43:20	310,0 Deg C	32,7 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12118,31 hours	19-6-2025 17:01:27	310,0 Deg C	30,5 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12113,97 hours	17-6-2025 21:20:22	310,0 Deg C	26,9 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12112,58 hours	17-6-2025 15:27:19	310,0 Deg C	16,1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12108,55 hours	11-6-2025 12:07:08	310,0 Deg C	11,0 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	12108,35 hours	10-6-2025 21:43:19	310,0 Deg C	21,6 Deg C

Service Test History - Engine #1 Aftertreatment Controller

Service Test Name	Total Operating Hours	Service Test Error ID	Service Test Status
Aftertreatment #1 System Functional Test	10960,6 hours	0000	Complete
Aftertreatment #1 System Functional Test	11473,2 hours	0000	Complete
Aftertreatment #1 System Functional Test	11532,6 hours	112B	Incomplete
Aftertreatment #1 System Functional Test	11532,7 hours	0000	Complete
Aftertreatment NOx Sensor Functional Test	11533,0 hours	112B	Incomplete
Aftertreatment NOx Sensor Functional Test	11533,8 hours	11B6	Incomplete
Aftertreatment NOx Sensor Functional Test	11534,3 hours	0000	Complete

Diesel Oxidation Catalyst Replacement - Engine #1 Aftertreatment Controller

Description	Value	Unit
Engine Lifetime Hours	Unavailable	
Total Operating Hours	Unavailable	

History Data
No history data available.

Aftertreatment #1 SCR Catalyst Replacement - Engine #1 Aftertreatment Controller

Description	Value	Unit
Engine Lifetime Hours	Unavailable	
Total Operating Hours	Unavailable	

History Data
No history data available.

DPF Ash Service - Engine #1 Aftertreatment Controller

Description	Value	Unit
DPF #1 Ash Service Status	Unavailable	
Engine Lifetime Hours	Unavailable	
Total Operating Hours	Unavailable	
DPF #1 Hours Since Last Ash Service	Unavailable	

Service Tool S/N	Date	SHM	Engine Lifetime Hours	Replacement Type
ET794196	24-11-2021	9989,9 hours	10048,4 hours	New
ET731528	24-11-2020	8586,8 hours	8632,6 hours	Remanufactured
ET636974	10-7-2018	5044,6 hours	5063,4 hours	Remanufactured

Implement 972M (JPR00439)

Parameter	Value
Product ID	JPR00439
Equipment ID	
ECM Part Number	3656773-04
ECM Serial Number	03456128VD
Software Group Part Number	6340962-00
Software Group Release Date	OCT2022
Software Group Description	972 Implement

Logged Diagnostic Codes [Diagnostic Clock = 12144 hours] - Implement 972M (JPR00439)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 12144 hours] - Implement 972M (JPR00439)

Code	Description	Occ.	First	Last
E1388 (1)	Operator Seat Belt Unfastened While Machine is Not Idle	127	11473	12141

Active Diagnostic Codes - Implement 972M (JPR00439)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Implement 972M (JPR00439)

Code	Description
No Active Event Codes	

Current Totals - Implement 972M (JPR00439)

Description	Value	Unit
Load Count	56860	
Lifetime Total Payload Weight	1838663	tonne
Total Pass Count	273168	

Configuration - Implement 972M (JPR00439)

Description	Value	Unit
Product ID	JPR00439	
Equipment ID		
Long Range Work Lights #1 Installation Status	Installed	
Beacon Installation Status	Installed	
Heated Side Rear View Mirrors Installation Status	Installed	
Automatic Rear Wiper Enable Status	Disabled	
Operator Seat Belt Monitor Installation Status	Installed	
Automatic Beacon On Enable Status	Disabled	
Ride Control System Installation Status	Installed	
Ride Control Forward Activation Speed	1,6	km/h
Ride Control Reverse Activation Speed	2,0	km/h
Ride Control Pressure Equalization Time	3	sec
Quick Coupler Installation Status	Installed	
Lift Cylinder Load Hold Check Valve Installation Status	Not Installed	
Battery Cable Shield Monitoring System Installation	Installed	
Secondary Steering Pump Installation Status	Installed	
Machine Steering Configuration	Joystick Steering	
Left Steering Angle Limit	37,0	Deg
Right Steering Angle Limit	37,0	Deg
Implement Linkage Configuration	Heavy Lift	
Implement Tool Configuration	Bucket	
Loader Lift Linkage Position Sensor Configuration	Rotary Position Sensor	
Loader Tilt Linkage Position Sensor Configuration	Rotary Position Sensor	

Joystick Installation Status	Not Installed	
Tilt Function Enable Status	Enabled	
3rd Function Enable Status	Enabled	
4th Function Enable Status	Disabled	
Raise Kickout Enable Status	Enabled	
Lower Kickout Enable Status	Enabled	
Rackback Kickout Enable Status	Enabled	
Dump Kickout Enable Status	Enabled	
Lift Linkage Float Enable Status	Enabled	
Lift Linkage Feather Catch Enable Status	Enabled	
Dump Rate Control Enable Status	Disabled	
Full Rack Angle Control Enable Status	Disabled	
Dump Stop Snubbing Enable Status	Enabled	
Autodig Installation Status	Not Installed	
Raise Snubbing Enable Status	Enabled	
Lower Snubbing Enable Status	Enabled	
Rackback Snubbing Enable Status	Enabled	
Dump Snubbing Enable Status	Enabled	
Raise Solenoid #1 Start Current	0,667	Amps
Raise Solenoid #1 Maximum Current	1,216	Amps
Lower Solenoid #1 Start Current	0,636	Amps
Lower Solenoid #1 Maximum Current	1,270	Amps
Rackback Solenoid #1 Start Current	0,656	Amps
Rackback Solenoid #1 Maximum Current	1,275	Amps
Dump Solenoid #1 Start Current	0,646	Amps
Dump Solenoid #1 Maximum Current	1,256	Amps
3rd Function Rearward Solenoid Start Current	0,568	Amps
3rd Function Rearward Solenoid Maximum Current	1,230	Amps
3rd Function Forward Solenoid Start Current	0,632	Amps
3rd Function Forward Solenoid Maximum Current	1,230	Amps
Raise Valve Modulation Scale Factor	100,0	%
Lower Valve Modulation Scale Factor	100,0	%
Rackback Valve Modulation Scale Factor	100,0	%
Dump Valve Modulation Scale Factor	100,0	%
Production Measurement Feature Installation Status	Installed	
Payload Data Source Configuration	Caterpillar	
Production Measurement Feature Enable Status	Enabled	
Payload System Display Mode	Normal	
Last Payload Weight	Conditions Not Met	tonne
Payload Control System Calibration Weight	7,550	tonne
Loader Bucket Payload Target Weight	8,4	tonne
Automatic Truck ID Feature	Not Enabled	
Automatic Material ID Feature	Not Enabled	

Tip-Off Trigger Type Configuration	Automatic	
Tip-Off Mode	Truck Body	
Payload Weigh Activate Lift Position	35,0	%
Payload Weigh Range Configuration	35,0	%
Payload Overload Warning Enable	Disabled	
Onboard Payload Printer Installation Status	Not Installed	
Payload Control System Number of Printer Tickets Configuration	1	
Onboard Payload Printer Number of Blank Lines Preceding Output	1	
Onboard Payload Printer Number of Blank Lines Following Output	1	
Onboard Payload Printer Truck Ticket Number	0	
Onboard Payload Printer Ticket Header Enable Status	Disabled	
Onboard Payload Printer Ticket Header Line #1	CATERPILLAR	
Onboard Payload Printer Ticket Header Line #2	TRUCK TICKET	
Onboard Payload Printer Ticket Header Line #3		
Onboard Payload Printer Ticket Bucket Weights Enable Status	Enabled	
Onboard Payload Printer Ticket Truck Payload Weight Enable Status	Enabled	
Onboard Payload Printer Ticket Truck ID Enable Status	Enabled	
Onboard Payload Printer Ticket Material ID Enable Status	Enabled	
Onboard Payload Printer Ticket Operator ID Enable Status	Enabled	
Onboard Payload Printer Date Format Configuration	MM-DD-YYYY	
Onboard Payload Printer Date Format Separator Character	-	
Onboard Payload Printer Ticket Payload Data Store Time Enable Status	Enabled	
Onboard Payload Printer Material Report Reset Time Enable Status	Enabled	
Onboard Payload Printer Truck Report Reset Time Enable Status	Enabled	

Tool Configuration - Implement 972M (JPR00439)

Description	Value	Unit
Tool Program Name	BUCKET	
Tool Program Implement Modulation Configuration	Normal	
Tool Program 3rd Function Lever Detent Mode	Off	
Tool Program 3rd Function Port A Maximum Valve Flow Percentage	100	%

Tool Program 3rd Function Port B Maximum Valve Flow Percentage	100	%

Description	Value	Unit
Tool Program Name	**TOOL#2**	**Active**
Tool Program Implement Modulation Configuration	Normal	
Tool Program 3rd Function Lever Detent Mode	Off	
Tool Program 3rd Function Port A Maximum Valve Flow Percentage	100	%
Tool Program 3rd Function Port B Maximum Valve Flow Percentage	100	%

Description	Value	Unit
Tool Program Name	**TOOL#3**	
Tool Program Implement Modulation Configuration	Normal	
Tool Program 3rd Function Lever Detent Mode	Off	
Tool Program 3rd Function Port A Maximum Valve Flow Percentage	100	%
Tool Program 3rd Function Port B Maximum Valve Flow Percentage	100	%

Description	Value	Unit
Tool Program Name	**TOOL#4**	
Tool Program Implement Modulation Configuration	Normal	
Tool Program 3rd Function Lever Detent Mode	Off	
Tool Program 3rd Function Port A Maximum Valve Flow Percentage	100	%
Tool Program 3rd Function Port B Maximum Valve Flow Percentage	100	%

Description	Value	Unit
Tool Program Name	**TOOL#5**	
Tool Program Implement Modulation Configuration	Normal	
Tool Program 3rd Function Lever Detent Mode	Off	

Tool Program 3rd Function Port A Maximum Valve Flow Percentage	100	%
Tool Program 3rd Function Port B Maximum Valve Flow Percentage	100	%

Input/Output Module

Parameter	Value
ECM Part Number	2995744-05
ECM Serial Number	3464B091HZ
Software Group Part Number	4805894-00
Software Group Release Date	SEP2015
Software Group Description	Relay Driver Module

Indication Display

Parameter	Value
ECM Part Number	3743614-02
ECM Serial Number	2865D095DT
Software Group Part Number	4798936-00
Software Group Release Date	OCT2015
Software Group Description	Indication Display

Diesel Exhaust Fluid Controller #1

Parameter	Value
Aftertreatment #1 DEF Dosing System Serial Number	PET019162T
Application Software Part Number	6194458-00

Configuration - Diesel Exhaust Fluid Controller #1

Description	Value	Unit
Aftertreatment #1 DEF Dosing System Serial Number	PET019162T	
Application Software Part Number	6194458-00	