

Cat Electronic Technician 2020A v1.0

Product Status Report

01/09/2020 15:13

Product Status Report

Parameter	Value
Product ID	PBA01590
Equipment ID	PBA01590
Comments	

C6.6 D6N (C8N17642)

Parameter	Value
Equipment ID	PBA01590
Engine Serial Number	C8N17642
ECM Part Number	3572083-06
ECM Serial Number	05387160QS
Software Group Part Number	5138936-00
Software Group Release Date	JAN16
Software Group Description	TTT-D6N
Calibration Identification Number	AD908_02

Logged Diagnostic Codes [Diagnostic Clock = 2205 hours] - C6.6 D6N (C8N17642)

Code	Description	Occ.	First	Last
582- 3	Air Filter Differential Pressure Switch : Voltage Above Normal	40	2151	2205
2452- 3	DPF #1 Intake Temperature Sensor : Voltage Above Normal	34	2151	2205
2526- 3	Air Inlet Temperature Sensor : Voltage Above Normal	35	2151	2205
3397- 9	DPF #1 Soot Loading Sensor : Abnormal Update Rate	20	2151	2205
168- 4	Electrical System Voltage : Voltage Below Normal	1	2151	2151
1785-13	Intake Manifold Pressure Sensor : Out of Calibration	45	2143	2146
3385-13	EGR Intake Pressure Sensor : Out of Calibration	3	2146	2146

Logged Event Codes [Diagnostic Clock = 2205 hours] - C6.6 D6N (C8N17642)

Code	Description	Occ.	First	Last
E361 (1)	High Engine Coolant Temperature	9	2113	2129
E361 (2)	High Engine Coolant Temperature	5	2121	2129
E1045 (2)	Low Intake Manifold Pressure	255	1926	2201

Active Diagnostic Codes - C6.6 D6N (C8N17642)

Code	Description
582- 3	Air Filter Differential Pressure Switch : Voltage Above Normal

Active Event Codes - C6.6 D6N (C8N17642)

Code	Description
No Active Event Codes	

Current Totals - C6.6 D6N (C8N17642)

Description	Value	Unit
Total Idle Time	104:30	hours
Total Fuel	9900	L
Total Idle Fuel	306	L
Total Max Fuel	19576	L
Engine Lifetime Hours	1429.0	hours
Average Load Factor	49	%
Engine Starts	1014	
Lifetime Total Engine Revolutions	56134560	rev
Total Operating Hours	2205.8	hours
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Starts/Hour	0.71	
Average RPM	654.73	rpm
Percentage Idle Time	7.28	%
Average Fuel Rate	6.93	L/h
Overall Load Factor	50	%

Configuration - C6.6 D6N (C8N17642)

Description	Value	Unit
Equipment ID	PBA01590	
Engine Serial Number	C8N17642	
ECM Serial Number	05387160QS	
Software Group Part Number	5138936-00	
Software Group Release Date	JAN16	
Software Group Description	TTT-D6N	
Low Idle Speed	850	rpm
High Idle Speed	2400	rpm
Ether Solenoid Configuration	Not Installed	
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5.0	min
Engine Fan Type Configuration	Viscous Clutch	
Factory Installed Aftertreatment #1 Identification Number	ADA028997B	
DPF #1 Soot Loading Sensing System Configuration Code	FN	
System Operating Voltage Configuration	24 Volt	
FLS	42	
FTS	-42	

CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	6	

Lifetime:Accumulated Time vs Intake Manifold Pressure - C6.6 D6N (C8N17642)

Intake Manifold Pressure(kPa)	hours	%
<80.00	13.00	15.78
80.00-89.99	3.55	4.31
90.00-99.99	12.20	14.81
100.00-109.99	17.05	20.69
110.00-119.99	14.50	17.60
120.00-129.99	11.25	13.65
130.00-139.99	8.00	9.71
140.00-149.99	2.45	2.97
150.00-159.99	0.40	0.49
160.00-169.99	0.00	0.00
170.00-179.99	0.00	0.00
180.00-189.99	0.00	0.00
190.00-199.99	0.00	0.00
200.00-209.99	0.00	0.00
210.00-219.99	0.00	0.00
220.00-229.99	0.00	0.00
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 - C6.6 D6N (C8N17642)

Engine Coolant Temperature(Deg C)	hours	%
<0.00	0.00	0.00
0.00-4.99	0.00	0.00
5.00-9.99	0.00	0.00
10.00-14.99	0.05	0.01
15.00-19.99	0.40	0.07
20.00-24.99	0.75	0.13
25.00-29.99	1.20	0.22
30.00-34.99	1.65	0.30
35.00-39.99	2.05	0.37
40.00-44.99	2.20	0.40
45.00-49.99	2.55	0.46
50.00-54.99	2.75	0.49
55.00-59.99	3.30	0.59
60.00-64.99	2.95	0.53
65.00-69.99	3.35	0.60
70.00-74.99	3.40	0.61
75.00-79.99	31.65	5.69
80.00-84.99	219.30	39.42
85.00-89.99	187.75	33.75
90.00-94.99	58.65	10.54
95.00-99.99	18.00	3.24
100.00-104.99	5.20	0.93
105.00-109.99	5.60	1.01
110.00-114.99	3.55	0.64
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 - C6.6 D6N (C8N17642)

Engine Speed(rpm)		%
2500.0-2599.9	0.00	0.00
2600.0-2699.9	0.00	0.00
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 - C6.6 D6N (C8N17642)

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	0.00	0.00	0.00	0.00	0.00	26.70	33.10	0.20	4.50
10.0-19.9	0.00	0.00	0.00	0.00	0.00	18.20	22.95	0.05	1.65
20.0-29.9	0.00	0.00	0.00	0.00	0.00	0.45	0.50	0.05	2.10
30.0-39.9	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.40
40.0-49.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
50.0-59.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
60.0-69.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
70.0-79.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0-89.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	45.40	56.60	0.35	8.85

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 D6N (C8N17642)

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	5.80	1.75	1.75	1.55	1.55	1.60	1.80	1.60	1.45

10.0-19.9	2.25	0.75	0.65	0.75	0.75	0.80	1.55	1.30	1.05
20.0-29.9	2.90	0.85	0.90	0.95	1.00	1.05	1.65	1.40	1.25
30.0-39.9	0.45	0.25	0.25	0.30	0.30	0.45	0.60	0.85	0.80
40.0-49.9	0.15	0.10	0.15	0.15	0.15	0.25	0.30	0.40	0.40
50.0-59.9	0.05	0.05	0.10	0.10	0.10	0.15	0.20	0.25	0.30
60.0-69.9	0.05	0.05	0.10	0.10	0.15	0.20	0.25	0.25	0.25
70.0-79.9	0.05	0.05	0.10	0.15	0.20	0.25	0.30	0.30	0.35
80.0-89.9	0.00	0.05	0.05	0.05	0.10	0.10	0.15	0.15	0.20
90.0-100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	11.70	3.90	4.05	4.10	4.30	4.85	6.85	6.55	6.10

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 D6N (C8N17642)

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	1.40	1.30	1.30	1.35	1.45	1.15	1.00	0.90	0.75
10.0-19.9	1.00	0.95	1.00	1.00	2.10	0.85	1.05	0.55	0.75
20.0-29.9	1.35	1.45	1.60	2.00	6.85	2.35	3.50	1.50	1.70
30.0-39.9	0.95	1.10	1.15	1.65	4.40	4.00	2.35	1.90	1.85
40.0-49.9	0.50	0.55	0.80	1.05	2.45	4.25	1.70	1.95	1.60
50.0-59.9	0.35	0.35	0.45	0.65	1.25	2.50	2.10	1.75	1.35
60.0-69.9	0.30	0.35	0.45	0.65	0.85	1.30	1.60	1.65	1.25
70.0-79.9	0.35	0.40	0.45	0.55	0.75	0.90	0.90	1.30	1.65
80.0-89.9	0.25	0.30	0.35	0.50	0.65	0.70	0.75	0.95	1.95
90.0-100.0	0.05	0.15	0.30	0.65	1.15	1.60	2.00	2.55	3.90
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	6.50	6.90	7.85	10.05	21.90	19.60	16.95	15.00	16.75

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 D6N (C8N17642)

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
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%									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	0.60	0.50	0.45	0.30	0.20	0.10	0.05	0.05	0.00
10.0-19.9	0.60	0.40	0.45	0.45	0.25	0.20	0.10	0.10	0.00
20.0-29.9	2.70	0.80	0.85	1.40	2.20	1.05	1.05	0.20	0.05
30.0-39.9	3.90	1.00	1.15	1.85	6.75	1.60	3.35	1.30	1.00
40.0-49.9	3.85	0.90	1.25	1.95	11.10	1.50	3.25	3.05	2.45
50.0-59.9	3.60	0.85	1.20	2.05	11.45	1.65	3.65	4.10	3.55
60.0-69.9	2.80	0.85	0.75	1.55	7.40	1.25	3.45	4.05	3.90
70.0-79.9	2.75	2.10	0.90	1.30	4.85	1.10	2.80	3.75	3.75
80.0-89.9	1.90	2.65	0.65	0.90	3.40	1.25	2.85	3.20	3.25
90.0-100.0	10.05	19.10	10.80	8.70	7.95	5.70	6.95	6.10	1.90
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	32.75	29.15	18.45	20.45	55.55	15.40	27.50	25.90	19.85

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 D6N (C8N17642)

rpm	2350.0-2400.0	>2400.0	Total
%			
<0.0	0.00	0.00	0.00
0.0-9.9	0.00	0.00	96.20
10.0-19.9	0.00	0.00	64.50
20.0-29.9	0.00	0.00	47.65
30.0-39.9	0.00	0.00	46.05
40.0-49.9	0.00	0.00	46.30
50.0-59.9	0.00	0.00	44.20
60.0-69.9	0.00	0.00	35.85
70.0-79.9	0.00	0.00	32.30
80.0-89.9	0.00	0.00	27.30
90.0-100.0	0.00	0.00	89.75
>100.0	0.00	0.00	0.00
Total	0.00	0.00	530.10

Lifetime:Accumulated Time vs Intake Manifold Air Temperature - C6.6 D6N (C8N17642)

Intake Manifold Air Temperature(Deg C)	hours	%
<0.00	0.05	0.01
0.00-4.99	0.65	0.12
5.00-9.99	1.95	0.35
10.00-14.99	3.90	0.70
15.00-19.99	7.35	1.32

20.00-24.99	9.90	1.78
25.00-29.99	9.85	1.77
30.00-34.99	16.30	2.93
35.00-39.99	23.65	4.25
40.00-44.99	34.35	6.17
45.00-49.99	51.00	9.17
50.00-54.99	43.40	7.80
55.00-59.99	79.20	14.24
60.00-64.99	98.05	17.63
65.00-69.99	88.25	15.86
70.00-74.99	52.05	9.36
75.00-79.99	22.85	4.11
80.00-84.99	9.55	1.72
85.00-89.99	3.70	0.67
90.00-94.99	0.30	0.05
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

Lifetime:Accumulated Time vs Engine Speed - C6.6 D6N (C8N17642)

Engine Speed(rpm)	hours	%
<550.0	0.00	0.00
550.0-599.9	0.00	0.00
600.0-649.9	0.00	0.00
650.0-699.9	0.00	0.00
700.0-749.9	0.00	0.00
750.0-799.9	0.00	0.00
800.0-849.9	52.55	9.49
850.0-899.9	65.45	11.81
900.0-949.9	0.45	0.08
950.0-999.9	9.20	1.66
1000.0-1049.9	12.25	2.21
1050.0-1099.9	4.15	0.75
1100.0-1149.9	4.35	0.79
1150.0-1199.9	4.40	0.79
1200.0-1249.9	4.65	0.84
1250.0-1299.9	5.10	0.92
1300.0-1349.9	7.20	1.30
1350.0-1399.9	6.80	1.23
1400.0-1449.9	6.35	1.15
1450.0-1499.9	6.70	1.21
1500.0-1549.9	7.20	1.30
1550.0-1599.9	7.95	1.44
1600.0-1649.9	10.30	1.86
1650.0-1699.9	22.05	3.98

1700.0-1749.9	19.90	3.59
1750.0-1799.9	17.20	3.10
1800.0-1849.9	15.35	2.77
1850.0-1899.9	17.15	3.10
1900.0-1949.9	33.30	6.01
1950.0-1999.9	29.40	5.31
2000.0-2049.9	18.65	3.37
2050.0-2099.9	20.60	3.72
2100.0-2149.9	55.85	10.08
2150.0-2199.9	15.50	2.80
2200.0-2249.9	27.85	5.03
2250.0-2299.9	26.15	4.72
2300.0-2349.9	19.95	3.60
2350.0-2399.9	0.05	0.01
2400.0-2449.9	0.00	0.00
2450.0-2499.9	0.00	0.00
2500.0-2549.9	0.00	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 - C6.6 D6N (C8N17642)

Air Inlet Temperature(Deg C)	hours	%
<(-20.00)	0.15	0.03
(-20.00)-(-15.01)	0.00	0.00
(-15.00)-(-10.01)	0.00	0.00
(-10.00)-(-5.01)	0.00	0.00
(-5.00)-(-0.01)	1.30	0.23
0.00-4.99	3.25	0.58
5.00-9.99	31.25	5.62
10.00-14.99	89.05	16.00
15.00-19.99	110.50	19.86
20.00-24.99	163.70	29.42

25.00-29.99	83.90	15.08
30.00-34.99	52.80	9.49
35.00-39.99	20.25	3.64
40.00-44.99	0.35	0.06
45.00-49.99	0.00	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

Monitoring System - C6.6 D6N (C8N17642)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	3000 rpm	0 sec
High Air Inlet #1 Differential Pressure			
Least Severe (1)	Always On	1.0 kPa	0 sec
Moderate Severity (2)	Always On	1.0 kPa	60 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	113 Deg C	10 sec
Moderate Severity (2)	Always On	114 Deg C	10 sec
Most Severe (3)	Always On	116 Deg C	10 sec
High Exhaust Temperature			
Least Severe (1)	Always On	178 Deg C	8 sec
Moderate Severity (2)	Always On	180 Deg C	8 sec
High Fuel/Water Separator Water Level			
Least Severe (1)	Always On	None	5 sec
Moderate Severity (2)	Always On	None	1800 sec
High Intake Manifold Air Temperature			
Least Severe (1)	Always On	123.0 Deg C	8 sec
Moderate Severity (2)	Always On	125.0 Deg C	8 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	0 sec
Most Severe (3)	Always On	None	0 sec

Injector Codes Calibration - C6.6 D6N (C8N17642)

Injector	Code
Injector 1	73EDF3FAF8EDC302F9F5DA0000FF03
Injector 2	73FDFC0E0701E90C0208EE0000FFC9
Injector 3	730500FEF8F4DE02F8F8EE0000FF04
Injector 4	73FFFF130D07070F0306050000FFE9

Injector 5	730F110D11F9F00D0D07FF0000FF4A
Injector 6	73EBF3F3FEFFEDF0FF00E80000FF9A

Machine Control D6N (PBA01590)

Parameter	Value
Product ID	PBA01590
Equipment ID	
ECM Part Number	3045687-02
ECM Serial Number	31036380MS
Software Group Part Number	5094172-00
Software Group Release Date	AUG2016
Software Group Description	D6N (PBA1-up)
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 2205 hours] - Machine Control D6N (PBA01590)

Code	Description	Occ.	First	Last
2994- 3	Direction Selector Position Sensor #2 : Voltage Above Normal	3	2204	2204
3527-12	Direction Selector : Failure	15	2146	2204
1078- 3	Blade Control Handle Lift Position Sensor : Voltage Above Normal	64	2140	2202
1079- 3	Blade Control Handle Tilt Position Sensor : Voltage Above Normal	64	2140	2202
2661- 3	Cab Air Temperature Control : Voltage Above Normal	10	2168	2200
168- 4	Electrical System Voltage : Voltage Below Normal	1	2151	2151
681- 4	Parking Brake Solenoid : Voltage Below Normal	1	2151	2151
1870- 3	Blade Control Handle Thumb Rocker Position Sensor : Voltage Above Normal	2	2151	2151
1870- 4	Blade Control Handle Thumb Rocker Position Sensor : Voltage Below Normal	30	2151	2151
2204- 3	Auxiliary Lever #1 Position Sensor : Voltage Above Normal	2	2151	2151
2993- 3	Direction Selector Position Sensor #1 : Voltage Above Normal	1	2151	2151

Logged Event Codes [Diagnostic Clock = 2205 hours] - Machine Control D6N (PBA01590)

Code	Description	Occ.	First	Last
E192 (3)	Steering System Malfunction	1	2145	2145
E875 (2)	Low System Voltage	7	2149	2151
E875 (3)	Low System Voltage	3	2149	2151

Active Diagnostic Codes - Machine Control D6N (PBA01590)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Machine Control D6N (PBA01590)

Code	Description
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No Active Event Codes	
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Current Totals - Machine Control D6N (PBA01590)

Description	Value	Unit
Total Distance	5953.60	km
Total Forward Distance	3327.20	km
Total Reverse Distance	2611.90	km
Total Hours Coasting In Neutral	19	hours
Total Neutral Gear Operating Hours	717	hours
Total First Forward Gear Operating Hours	481	hours
Total Second Forward Gear Operating Hours	454	hours
Total Third Forward Gear Operating Hours	26	hours
Total First Reverse Gear Operating Hours	71	hours
Total Second Reverse Gear Operating Hours	423	hours
Total Third Reverse Gear Operating Hours	33	hours
Total Powertrain Oil Filter Bypass Hours	0.00	hours
Total Powertrain Oil Filter Bypass Active Warning Hours	0	hours
Total Distance Coasting In Neutral	14.5	km

Configuration - Machine Control D6N (PBA01590)

Description	Value	Unit
Product ID	PBA01590	
Equipment ID		
Transmission Maximum Forward Gear	3	
Transmission Maximum Reverse Gear	3	
Blade Installation Status	Power Angle Tilt Blade	
Blade Control Response Configuration	Standard	
Steering Modulation Setting	Medium	
Ripper Installation Status	Installed	
Winch Enable Status	Disabled	
Multi-Velocity Program System Installation Status	Installed	
Noise Regulation Configuration	None	
Air Conditioning System Installation Status	Installed	
AccuGrade System Installation Status	Installed	
AccuGrade Enable Configuration	Enabled	
Transmission Calibration Selected Clutch	0	
Low System Battery Voltage Elevated Idle	Enabled	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	

Automatic Engine Speed Control (AESC) Enable Status	Enabled	
Automatic Engine Speed Control (AESC) Delay Time	3.0	sec
Blade Lower Solenoid Maximum Current	0.710	Amps
Blade Raise Solenoid Maximum Current	0.710	Amps
Tilt Right Solenoid Maximum Current	0.850	Amps
Tilt Left Solenoid Maximum Current	0.850	Amps
Blade Angle Right Solenoid Maximum Current	0.850	Amps
Blade Angle Left Solenoid Maximum Current	0.850	Amps
Auxiliary Valve #1 Port A Solenoid Maximum Current	0.850	Amps
Auxiliary Valve #1 Port B Solenoid Maximum Current	0.850	Amps
Advanced Machine Security System Installation Status	Not Installed	
Tmp Control Cnfg	Unavailable	

Calibration Status - Machine Control D6N (PBA01590)

Calibration	Status	Last Successful Completion
Transmission Fill Calibration	Unknown	Never Successfully Calibrated
Steering Control Position Sensor Calibration	Unknown	Never Successfully Calibrated
Service Brake Pedal Calibration	Unknown	Never Successfully Calibrated
Blade Control Handle Thumb Rocker	Success	0.0 hours
Blade Control Lever	Success	0.0 hours
Brake Touch-Up Pressure Calibration	Unknown	Never Successfully Calibrated
Auxiliary Control Lever	Success	0.0 hours
Auxiliary Valve #1 Port B Solenoid	Success	0.6 hours
Auxiliary Valve #1 Port A Solenoid	Success	0.6 hours
Blade Tilt Extend Solenoid	Success	0.6 hours
Blade Tilt Retract Solenoid	Success	0.6 hours
Blade Angle Left Solenoid	Success	0.6 hours
Blade Angle Right Solenoid	Success	0.6 hours
Blade Lower Solenoid	Success	0.6 hours
Blade Raise Solenoid	Success	0.6 hours

Job:Accumulated Time vs Transmission Oil Temperature - Machine Control D6N (PBA01590)

Transmission Oil Temperature(Deg C)	hours	%
<55.0	36.95	10.46
55.0-59.9	6.20	1.76
60.0-64.9	9.35	2.65
65.0-69.9	11.35	3.21
70.0-74.9	12.60	3.57

(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.601)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.600)-(-0.401)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.400)-(-0.201)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.200)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.099	0.00	0.45	1.00	0.40	0.10	0.05	0.00	0.00	0.00
0.100-0.199	0.00	0.05	0.10	0.05	0.00	0.00	0.00	0.00	0.00
0.200-0.299	0.00	0.10	0.15	0.15	0.05	0.00	0.00	0.00	0.00
0.300-0.399	0.00	0.15	0.20	0.20	0.10	0.00	0.00	0.00	0.00
0.400-0.449	0.00	0.10	0.15	0.15	0.05	0.00	0.00	0.00	0.00
0.450-0.499	0.00	0.10	0.15	0.20	0.10	0.05	0.00	0.00	0.00
0.500-0.549	0.00	0.15	0.20	0.20	0.10	0.05	0.05	0.05	0.00
0.550-0.599	0.00	0.15	0.20	0.25	0.15	0.05	0.05	0.05	0.05
0.600-0.624	0.00	0.05	0.10	0.15	0.10	0.05	0.00	0.00	0.00
0.625-0.649	0.00	0.05	0.10	0.15	0.10	0.05	0.05	0.00	0.00
0.650-0.674	0.00	0.05	0.10	0.15	0.10	0.05	0.05	0.00	0.00
0.675-0.699	0.00	0.05	0.15	0.15	0.10	0.05	0.05	0.05	0.05
0.700-0.724	0.00	0.05	0.15	0.15	0.10	0.05	0.05	0.05	0.05
0.725-0.749	0.00	0.05	0.15	0.15	0.10	0.05	0.05	0.05	0.05
0.750-0.774	0.00	0.05	0.20	0.20	0.10	0.05	0.05	0.05	0.05
0.775-0.799	0.00	0.05	0.20	0.20	0.10	0.05	0.05	0.05	0.05
0.800-0.824	0.00	0.05	0.20	0.30	0.15	0.05	0.05	0.05	0.05
0.825-0.849	0.00	0.05	0.25	0.40	0.20	0.10	0.10	0.10	0.10
0.850-0.874	0.00	0.10	0.35	0.50	0.30	0.10	0.10	0.10	0.10
0.875-0.899	0.00	0.10	0.50	0.80	0.55	0.20	0.25	0.20	0.20
0.900-0.924	0.00	0.10	0.55	1.20	1.10	0.45	0.55	0.45	0.55
0.925-0.949	0.00	0.10	0.45	1.15	1.30	0.60	0.75	0.70	0.85

0.950-0.999	0.00	0.05	0.35	0.80	1.00	0.50	0.60	0.60	0.75
1.000-1.049	0.00	0.00	0.20	0.20	0.15	0.05	0.10	0.10	0.10
1.050-1.099	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.100-1.199	0.00	0.00	0.05	0.05	0.05	0.00	0.05	0.05	0.05
1.200-1.399	0.00	0.00	0.05	0.05	0.05	0.00	0.00	0.00	0.00
1.400-1.599	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
1.600-1.999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.000-2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	2.20	6.35	8.40	6.35	2.70	3.05	2.75	3.10

Engine Speed vs TC Ratio in 1F - Machine Control D6N (PBA01590)

rpm	1600.0-1649.9	1650.0-1699.9	1700.0-1749.9	1750.0-1799.9	1800.0-1849.9	1850.0-1899.9	1900.0-1949.9	1950.0-1999.9	2000.0-2049.9
Torque Converter Speed Ratio/Rotation									
<(-2.000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.601)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.600)-(-0.401)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.400)-(-0.201)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.200)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.100-0.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.200-0.299	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.300-0.399	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
0.400-0.449	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.450-0.499	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00

0.500-0.549	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00
0.550-0.599	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.15	0.00
0.600-0.624	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.15	0.00
0.625-0.649	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.20	0.00
0.650-0.674	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.25	0.05
0.675-0.699	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.30	0.05
0.700-0.724	0.00	0.00	0.00	0.00	0.05	0.05	0.10	0.35	0.10
0.725-0.749	0.05	0.00	0.05	0.05	0.05	0.05	0.10	0.40	0.20
0.750-0.774	0.05	0.05	0.05	0.05	0.05	0.10	0.15	0.40	0.35
0.775-0.799	0.05	0.05	0.05	0.05	0.05	0.10	0.15	0.40	0.50
0.800-0.824	0.05	0.05	0.05	0.05	0.05	0.10	0.20	0.35	0.75
0.825-0.849	0.05	0.05	0.05	0.05	0.05	0.10	0.25	0.35	0.90
0.850-0.874	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.45	0.80
0.875-0.899	0.20	0.15	0.15	0.15	0.15	0.20	0.25	0.45	0.70
0.900-0.924	0.50	0.40	0.40	0.40	0.35	0.35	0.35	0.50	0.80
0.925-0.949	0.80	0.85	0.90	0.90	0.80	0.85	0.90	1.25	1.70
0.950-0.999	0.75	0.85	0.95	0.95	0.95	1.05	1.15	1.65	2.60
1.000-1.049	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.30	0.50
1.050-1.099	0.05	0.10	0.10	0.05	0.05	0.05	0.10	0.10	0.15
1.100-1.199	0.05	0.10	0.10	0.05	0.05	0.05	0.05	0.05	0.05
1.200-1.399	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
1.400-1.599	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.600-1.999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.000-2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.85	2.95	3.15	3.00	2.90	3.55	4.85	8.15	10.20

Engine Speed vs TC Ratio in 1F - Machine Control D6N (PBA01590)

rpm	2050.0-2099.9	2100.0-2199.9	2200.0-2399.9	2400.0-2599.9	2600.0-2799.9	2800.0-3000.0	>3000.0	Total
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Torque Converter Speed Ratio/Rot ation								
<(-2.000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.601)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.600)-(-0.401)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.400)-(-0.201)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.200)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
0.100-0.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
0.200-0.299	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45
0.300-0.399	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
0.400-0.449	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45
0.450-0.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
0.500-0.549	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90
0.550-0.599	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30
0.600-0.624	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
0.625-0.649	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85
0.650-0.674	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95
0.675-0.699	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15
0.700-0.724	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30
0.725-0.749	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60
0.750-0.774	0.05	0.00	0.00	0.00	0.00	0.00	0.00	2.05
0.775-0.799	0.10	0.00	0.00	0.00	0.00	0.00	0.00	2.25
0.800-0.824	0.25	0.05	0.00	0.00	0.00	0.00	0.00	2.85
0.825-0.849	0.65	0.20	0.00	0.00	0.00	0.00	0.00	4.00

2.000-2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.30	0.60	0.40	0.20	0.25	0.30	0.35

Engine Speed vs TC Ratio in 2F - Machine Control D6N (PBA01590)

rpm	1600.0-1649.9	1650.0-1699.9	1700.0-1749.9	1750.0-1799.9	1800.0-1849.9	1850.0-1899.9	1900.0-1949.9	1950.0-1999.9	2000.0-2049.9
Torque Converter Speed Ratio/Rotation									
<(-2.000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.601)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.600)-(-0.401)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.400)-(-0.201)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.200)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.100-0.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.200-0.299	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
0.300-0.399	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.05	0.00
0.400-0.449	0.00	0.00	0.00	0.00	0.00	0.05	0.25	0.05	0.00
0.450-0.499	0.00	0.00	0.00	0.00	0.00	0.05	0.35	0.15	0.00
0.500-0.549	0.00	0.00	0.00	0.00	0.05	0.05	0.40	0.30	0.00
0.550-0.599	0.05	0.05	0.00	0.00	0.05	0.05	0.45	0.50	0.00
0.600-0.624	0.00	0.00	0.00	0.00	0.00	0.05	0.25	0.35	0.00
0.625-0.649	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.40	0.05
0.650-0.674	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.45	0.05
0.675-0.699	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.50	0.10
0.700-0.724	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.55	0.10

1.100-1.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.200-1.399	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.400-1.599	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.600-1.999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.000-2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>2.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.40	2.30	8.25	0.00	0.00	0.00	0.00	37.25

Engine Speed vs TC Ratio in 3F - Machine Control D6N (PBA01590)

rpm	<700.0	700.0-899.9	900.0-1099.9	1100.0-1299.9	1300.0-1499.9	1500.0-1699.9	1700.0-1899.9	1900.0-2099.9	2100.0-2299.9
Torque Converter Speed Ratio/Rotation									
<(-2.000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.200-0.399	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.400-0.599	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.00
0.600-0.799	0.00	0.00	0.00	0.00	0.05	0.10	0.15	0.20	0.00
0.800-0.999	0.00	0.00	0.00	0.00	0.10	0.20	1.40	0.25	0.35
1.000-1.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.200-1.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.500-1.999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.000-2.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.500-3.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>3.000	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	0.15	0.35	1.60	0.50	0.35

Engine Speed vs TC Ratio in 3F - Machine Control D6N (PBA01590)

rpm	2300.0-2499.9	2500.0-3000.0	>3000.0	Total
Torque Converter Speed Ratio/Rotation				
<(-2.000)	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00
(-1.000)-(-0.501)	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.00	0.00	0.00
0.200-0.399	0.00	0.00	0.00	0.00
0.400-0.599	0.00	0.00	0.00	0.15
0.600-0.799	0.00	0.00	0.00	0.50
0.800-0.999	0.15	0.00	0.00	2.45
1.000-1.199	0.00	0.00	0.00	0.00
1.200-1.499	0.00	0.00	0.00	0.00
1.500-1.999	0.00	0.00	0.00	0.00
2.000-2.499	0.00	0.00	0.00	0.00
2.500-3.000	0.00	0.00	0.00	0.00
>3.000	0.00	0.00	0.00	0.00
Total	0.15	0.00	0.00	3.10

Engine Speed vs TC Ratio in 1R - Machine Control D6N (PBA01590)

rpm	<700.0	700.0-899.9	900.0-1099.9	1100.0-1299.9	1300.0-1499.9	1500.0-1699.9	1700.0-1899.9	1900.0-2099.9	2100.0-2299.9
Torque Converter Speed Ratio/Rotation									
<(-2.000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.50	0.70	0.40	0.15	0.05	0.05	0.00	0.00
0.200-0.399	0.00	0.50	0.25	0.25	0.15	0.05	0.05	0.05	0.00
0.400-0.599	0.00	0.45	0.45	0.45	0.40	0.25	0.15	0.05	0.00
0.600-0.799	0.00	0.20	0.65	0.65	0.70	0.60	0.85	0.10	0.00
0.800-0.999	0.00	0.20	1.00	1.30	3.00	4.70	33.85	0.95	3.45

(-1.000)-(-0.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.00	0.10	0.05	0.05	0.05	0.00	0.00	0.00
0.200-0.399	0.00	0.00	0.05	0.05	0.05	0.15	0.00	0.00	0.00
0.400-0.599	0.00	0.00	0.05	0.05	0.10	0.30	0.05	0.05	0.00
0.600-0.799	0.00	0.00	0.10	0.10	0.20	0.50	0.55	0.20	0.00
0.800-0.999	0.00	0.00	0.20	0.30	1.10	3.90	4.35	4.25	10.90
1.000-1.199	0.00	0.00	0.05	0.05	0.10	0.15	0.20	0.10	0.05
1.200-1.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.500-1.999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.000-2.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.500-3.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>3.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.55	0.60	1.60	5.05	5.15	4.60	10.95

Engine Speed vs TC Ratio in 2R - Machine Control D6N (PBA01590)

rpm	2300.0-2499.9	2500.0-3000.0	>3000.0	Total
Torque Converter Speed Ratio/Rotation				
<(-2.000)	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00
(-1.000)-(-0.501)	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.00	0.00	0.25
0.200-0.399	0.00	0.00	0.00	0.30
0.400-0.599	0.00	0.00	0.00	0.60
0.600-0.799	0.00	0.00	0.00	1.65
0.800-0.999	0.00	0.00	0.00	25.00
1.000-1.199	0.00	0.00	0.00	0.70
1.200-1.499	0.00	0.00	0.00	0.00
1.500-1.999	0.00	0.00	0.00	0.00
2.000-2.499	0.00	0.00	0.00	0.00
2.500-3.000	0.00	0.00	0.00	0.00
>3.000	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	28.50

Engine Speed vs TC Ratio in 3R - Machine Control D6N (PBA01590)

rpm	<700.0	700.0-	900.0-	1100.0-	1300.0-	1500.0-	1700.0-	1900.0-	2100.0-
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		899.9	1099.9	1299.9	1499.9	1699.9	1899.9	2099.9	2299.9
Torque Converter Speed Ratio/Rotation									
<(-2.000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-1.000)-(-0.501)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00
0.200-0.399	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.00
0.400-0.599	0.00	0.00	0.00	0.00	0.05	0.05	0.10	0.20	0.00
0.600-0.799	0.00	0.00	0.00	0.05	0.15	0.20	0.85	0.15	0.00
0.800-0.999	0.00	0.00	0.00	0.05	0.15	0.95	0.45	0.20	0.15
1.000-1.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.200-1.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.500-1.999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.000-2.499	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.500-3.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>3.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.05	0.05	0.15	0.45	1.25	1.45	0.60	0.15

Engine Speed vs TC Ratio in 3R - Machine Control D6N (PBA01590)

rpm	2300.0-2499.9	2500.0-3000.0	>3000.0	Total
Torque Converter Speed Ratio/Rotation				
<(-2.000)	0.00	0.00	0.00	0.00
(-2.000)-(-1.501)	0.00	0.00	0.00	0.00
(-1.500)-(-1.001)	0.00	0.00	0.00	0.00
(-1.000)-(-0.501)	0.00	0.00	0.00	0.00
(-0.500)-(-0.001)	0.00	0.00	0.00	0.00
0.000-0.199	0.00	0.00	0.00	0.20
0.200-0.399	0.00	0.00	0.00	0.20
0.400-0.599	0.00	0.00	0.00	0.40

0.600-0.799	0.00	0.00	0.00	1.40
0.800-0.999	0.00	0.00	0.00	1.95
1.000-1.199	0.00	0.00	0.00	0.00
1.200-1.499	0.00	0.00	0.00	0.00
1.500-1.999	0.00	0.00	0.00	0.00
2.000-2.499	0.00	0.00	0.00	0.00
2.500-3.000	0.00	0.00	0.00	0.00
>3.000	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	4.15

Track Speed vs TC Ratio with Left Brake Applied - Machine Control D6N (PBA01590)

km/h	<1.29	1.29-2.56	2.57-3.85	3.86-4.82	4.83-5.78	5.79-6.80	6.81-8.52	8.53-10.29	10.30-12.07
Torque Converter Speed Ratio/Rotation									
<0.400	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.400-0.599	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.600-0.699	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.700-0.799	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.800-0.899	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.900-1.139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.140-1.200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>1.200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Track Speed vs TC Ratio with Left Brake Applied - Machine Control D6N (PBA01590)

km/h	>12.07	Total
Torque Converter Speed Ratio/Rotation		
<0.400	0.00	0.45
0.400-0.599	0.00	0.00
0.600-0.699	0.00	0.00
0.700-0.799	0.00	0.00
0.800-0.899	0.00	0.00
0.900-1.139	0.00	0.00
1.140-1.200	0.00	0.00
>1.200	0.00	0.00
Total	0.00	0.45

Shift Count Matrix - Machine Control D6N (PBA01590)

Gear Being	N	1F	2F	3F	3R	2R	1R	Total

Shifted To								
Gear Being Shifted From								
N	21.00	159.00	520.00	28.00	19.00	329.00	63.00	1139.00
1F	100.00	6.00	580.00	4.00	0.00	988.00	162.00	1840.00
2F	287.00	1350.00	55.00	187.00	3.00	4052.00	1.00	5935.00
3F	43.00	10.00	188.00	1.00	133.00	22.00	0.00	397.00
3R	56.00	3.00	82.00	171.00	4.00	132.00	1.00	449.00
2R	673.00	169.00	4510.00	6.00	293.00	27.00	12.00	5690.00
1R	61.00	86.00	4.00	0.00	0.00	140.00	7.00	298.00
Total	1241.00	1783.00	5939.00	397.00	452.00	5690.00	246.00	15748.00

Gear Shift Count by Load Compensation Level - Machine Control D6N (PBA01590)

Speed Shift Identifier	1F-2F	2F-3F	3F-2F	2F-1F	1R-2R	2R-3R	3R-2R	2R-1R	Total
Transmission Load Compensation Value									
0	2562.00	512.00	435.00	6302.00	1670.00	1209.00	592.00	201.00	13483.00
1	606.00	58.00	108.00	508.00	788.00	236.00	175.00	119.00	2598.00
2	107.00	13.00	83.00	395.00	151.00	51.00	47.00	64.00	911.00
3	47.00	8.00	126.00	881.00	71.00	9.00	39.00	27.00	1208.00
Total	3322.00	591.00	752.00	8086.00	2680.00	1505.00	853.00	411.00	18200.00

Transmission Slip Count Detected by Gear - Machine Control D6N (PBA01590)

Actual Gear()		%
1F	0.00	0.00
2F	0.00	0.00
3F	0.00	0.00
3R	0.00	0.00
2R	0.00	0.00
1R	0.00	0.00

Job:Accumulated Time vs Actual Gear - Machine Control D6N (PBA01590)

Actual Gear()	hours	%
(-3.5)	4.90	0.33
(-3.0)	27.95	1.88
(-2.5)	306.20	20.59
(-2.0)	116.50	7.84
(-1.5)	71.10	4.78
1.5	486.35	32.71
2.0	231.85	15.59

2.5	216.25	14.54
3.0	19.10	1.28
3.5	6.65	0.45

Shift Count Matrix - Machine Control D6N (PBA01590)

To	N	R1	R2	R3	1	2	3
From							
N	---	2038	4840	215	9042	6467	296
R1	1885	---	8076	27	9715	59	2
R2	13047	1912	---	3720	5847	52572	29
R3	1271	36	1821	---	191	392	1779
1	3185	15258	20085	229	---	6511	26
2	4145	28	42143	243	19671	---	1146
3	501	1	60	1061	320	1332	---

Product Link Elite (PBA01590)

Parameter	Value
Product ID	PBA01590
Machine Serial Number	
Equipment ID	
ECM Part Number	4590786-02
ECM Serial Number	0149F256TR
Software Group Part Number	5597325-00
Software Group Release Date	Apr2018
Software Group Description	VIMS_TELEMATICS_2018_04_10
Application Software Part Number	
Cellular Device ECM Serial Number	3288S362YG
Cellular Device ECM Hardware Part Number	4402105-17
Cellular Radio Module Software Part Number	5964600-00
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 = 2205 hours] - Product Link Elite (PBA01590)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Total Operating Hours = 2205 hours] - Product Link Elite (PBA01590)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link Elite (PBA01590)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link Elite (PBA01590)

Code	Description
No Active Event Codes	

Current Totals - Product Link Elite (PBA01590)

Description	Value	Unit
Total Operating Hours	2205.7	hours
Total Distance	550.00	km

Configuration - Product Link Elite (PBA01590)

Description	Value	Unit
Product ID	PBA01590	
Equipment ID		
External Service Lamp Installation Configuration	Installed	
External Service Lamp Display Mode Setting	No Snapshot Notice	
Telemetry Feature Installation Status	Not Installed	
Tire Monitoring System Installation Status	Unavailable	
CAT Data Link Module Identifier Configuration	Gateway #1	
Machine Serial Number		
Mining Aftermarket System Installation Status	Unavailable	
Maintenance Mode	Off	
Machine Payload Control System Installation Status	Not Installed	
Target Payload	0.0	tonne
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 Temporary Installation Time Remaining	15000	min
Security System Tamper Resistant Configuration	Not Installed	

Primary Display D6N

Parameter	Value
ECM Part Number	3718255-00
ECM Serial Number	3223J006PA
Software Group Part Number	5066955-00
Software Group Release Date	AUG2016
Software Group Description	TTT D6N

Logged Diagnostic Codes - Primary Display D6N

Code	Description	Occ.	First	Last
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No Logged Diagnostic Codes				
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Logged Event Codes - Primary Display D6N

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Primary Display D6N

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Primary Display D6N

Code	Description
No Active Event Codes	

Configuration - Primary Display D6N

Description	Value	Unit
Information Units Status	Metric	
Service Mode Enable Code	1234	
Display Language Status	English	
Operator Profile Display Prompt Enable Status	Enabled	

Implement Control #2

Parameter	Value
ECM Part Number	3774710-01
ECM Serial Number	2403F149EY
Software Group Part Number	3794973-00
Software Group Release Date	MAY2011
Software Group Description	Implement Control #2