

Cat Electronic Technician 2019B v1.0

Product Status Report

21-10-2019 10:30

Product Status Report

Parameter	Value
Product ID	TFB00162
Equipment ID	TFB00162
Comments	truckid 70113023

C9 725 (SYE00616)

Parameter	Value
Equipment ID	TFB00162
Engine Serial Number	SYE00616
ECM Part Number	4176020-00
ECM Serial Number	32736015VJ
Software Group Part Number	4682831-00
Software Group Release Date	SEP14
Software Group Description	C9-725
Operator Inducement Regulation Configuration	Worldwide

Logged Diagnostic Codes [Diagnostic Clock = 7446 hours] - C9 725 (SYE00616)

Code	Description	Occ.	First	Last
291- 5	Engine Cooling Fan Solenoid : Current Below Normal	2	7424	7446
168- 4	Electrical System Voltage : Voltage Below Normal	2	7422	7444

Logged Event Codes [Diagnostic Clock = 7446 hours] - C9 725 (SYE00616)

Code	Description	Occ.	First	Last
E362 (1)	Engine Overspeed	9	5745	7412
E390 (1)	Fuel Filter Restriction	9	5180	6819
E954 (1)	Low Aftertreatment DEF Tank Level	2	7438	7439
E954 (2)	Low Aftertreatment DEF Tank Level	3	7445	7446
E1093 (1)	Low EGR Differential Pressure	93	7240	7416
E1190 (3)	Low Aftertreatment Cooling Fan Speed	2	7424	7439
E1217 (3)	Delayed Engine Shutdown Override	7	7422	7438
E1389 (1)	Aftertreatment #1 SCR Operator Inducement	1	1235	1235

Active Diagnostic Codes - C9 725 (SYE00616)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C9 725 (SYE00616)

Code	Description
E954 (1)	Low Aftertreatment DEF Tank Level

System Communication Status - Active Problems - C9 725 (SYE00616)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

System Communication Status - Inactive Problems - C9 725 (SYE00616)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

Current Totals - C9 725 (SYE00616)

Description	Value	Unit
Total Idle Time	2670:42	hours
Total Fuel	96038	L
Total Engine #1 Fuel	94320	L
Total Idle Fuel	8527	L
Total Max Fuel	431475	L
Engine Lifetime Hours	7460.2	hours
Average Load Factor	20	%
Engine Starts	7218	
Lifetime Total Engine Revolutions	504830184	rev
Total Operating Hours	7447	hours
Operator Inducement Emergency Override Total Activations	0	
Operator Inducement Emergency Override Total Resets	0	
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Total Delayed Engine Shutdown Count	636	
Total Delayed Engine Shutdown Overrides Count	94	
Starts/Hour	0.97	
Average RPM	1127.83	rpm
Percentage Idle Time	35.79	%
Average Fuel Rate	12.87	L/h
Overall Load Factor	22	%

Configuration - C9 725 (SYE00616)

Description	Value	Unit
Equipment ID	TFB00162	

Engine Serial Number	SYE00616	
ECM Part Number	4176020-00	
ECM Serial Number	32736015VJ	
Software Group Part Number	4682831-00	
Software Group Release Date	SEP14	
Software Group Description	C9-725	
Rating Number	1	
Rated Power	236 kW at 1800 rpm	
Rated Peak Torque	1712 N-m at 1200 rpm	
Low Idle Speed	700	rpm
High Idle Speed	2150	rpm
Ether Solenoid Configuration	Not Installed	
Crankcase Pressure Sensor Installation Status	Not Installed	
Ambient Air Temperature Sensor Installation Status	Not Installed	
Fuel/Water Separator Switch Installation Status	Not Installed	
Low System Battery Voltage Elevated Idle	Enabled	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	
Engine Warm Up Elevated Idle Delay Time	10.0	min
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5.0	min
Delayed Engine Shutdown Enable Status	Enabled	
Delayed Engine Shutdown Maximum Time	10.0	min
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
FLS	16	
FTS	-16	
Secured Real Time Clock Enable Status	Disabled	
CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	8	

Lifetime:Accumulated Time vs Intake Manifold Pressure - C9 725 (SYE00616)

Intake Manifold Pressure(kPa)	hours	%
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<80.00	0.60	0.29
80.00-89.99	0.50	0.24
90.00-99.99	0.90	0.43
100.00-109.99	1.45	0.70
110.00-119.99	1.90	0.91
120.00-129.99	2.30	1.11
130.00-139.99	2.80	1.35
140.00-149.99	3.75	1.80
150.00-159.99	6.05	2.91
160.00-169.99	10.10	4.86
170.00-179.99	15.75	7.57
180.00-189.99	23.35	11.23
190.00-199.99	31.15	14.98
200.00-209.99	36.05	17.34
210.00-219.99	38.70	18.61
220.00-229.99	26.15	12.58
230.00-239.99	6.25	3.01
240.00-249.99	0.20	0.10
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 725 (SYE00616)

Engine Coolant Temperature(Deg C)	hours	%
<0.00	0.55	0.01
0.00-4.99	0.00	0.00
5.00-9.99	0.10	0.00
10.00-14.99	1.00	0.02
15.00-19.99	5.30	0.09
20.00-24.99	9.05	0.16
25.00-29.99	16.30	0.28
30.00-34.99	24.75	0.43
35.00-39.99	30.65	0.53
40.00-44.99	28.60	0.49
45.00-49.99	33.80	0.58
50.00-54.99	47.40	0.82
55.00-59.99	87.90	1.52
60.00-64.99	135.45	2.34
65.00-69.99	147.85	2.56
70.00-74.99	389.05	6.73
75.00-79.99	3450.40	59.69
80.00-84.99	1320.00	22.84
85.00-89.99	50.05	0.87
90.00-94.99	1.80	0.03
95.00-99.99	0.10	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
115.00-119.99	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 725 (SYE00616)

Engine Speed(rpm)		%
2500.0-2599.9	105.00	92.11
2600.0-2699.9	9.00	7.89
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 725 (SYE00616)

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	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	0.05	2.20	999.50	856.35	75.65	84.50	16.95	13.65	24.55
10.0-19.9	0.00	0.80	12.10	12.85	190.00	161.05	11.35	6.40	4.95
20.0-29.9	0.00	0.10	0.60	3.75	23.95	17.05	6.25	6.30	7.95
30.0-39.9	0.00	0.05	0.25	1.10	3.80	3.35	2.00	2.10	3.35
40.0-49.9	0.00	0.00	0.05	0.25	0.60	0.70	0.70	0.75	0.95
50.0-59.9	0.00	0.00	0.00	0.05	0.10	0.20	0.25	0.30	0.40
60.0-69.9	0.00	0.00	0.00	0.00	0.05	0.15	0.30	0.45	0.60
70.0-79.9	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.15	0.25
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	0.05
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.55	3.15	1012.50	874.35	294.15	267.05	37.90	30.10	43.05

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 725 (SYE00616)

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	23.50	23.05	19.80	22.90	22.05	26.50	30.10	31.10	30.30
10.0-19.9	5.20	6.50	7.55	8.65	11.75	16.85	20.70	22.75	23.95
20.0-29.9	7.70	5.45	6.80	9.65	15.25	25.15	33.85	38.15	41.45
30.0-39.9	3.50	2.55	3.00	4.15	7.05	12.60	20.45	26.85	30.60
40.0-49.9	1.05	1.15	1.40	2.00	3.55	6.50	10.85	14.65	17.50

50.0-59.9	0.50	0.70	1.15	1.80	3.40	6.25	10.30	13.45	14.95
60.0-69.9	0.85	1.15	1.55	2.05	3.35	6.15	9.95	13.00	14.40
70.0-79.9	0.35	0.45	0.65	0.95	1.80	3.60	5.85	8.25	9.60
80.0-89.9	0.05	0.10	0.20	0.35	1.00	2.15	3.60	5.10	6.15
90.0-100.0	0.10	0.15	0.40	0.80	2.55	5.70	9.25	12.85	15.50
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	42.80	41.25	42.50	53.30	71.75	111.45	154.90	186.15	204.40

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 725 (SYE00616)

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	28.70	26.85	25.00	23.05	20.40	17.55	14.60	11.80	9.40
10.0-19.9	23.90	23.80	24.00	25.95	25.05	21.05	16.70	12.35	9.65
20.0-29.9	41.20	40.00	39.50	38.30	34.15	29.40	25.00	20.35	16.35
30.0-39.9	29.20	26.90	25.40	24.75	24.00	22.15	19.30	16.10	13.35
40.0-49.9	17.70	16.15	15.40	14.55	14.25	13.50	12.05	10.00	8.05
50.0-59.9	15.70	15.60	14.70	14.15	13.40	12.45	11.10	9.40	7.60
60.0-69.9	14.70	14.15	13.35	12.80	12.15	10.75	9.50	8.15	6.75
70.0-79.9	10.05	9.90	9.45	8.95	8.50	7.95	6.75	5.90	4.95
80.0-89.9	6.60	6.40	6.00	5.80	5.50	5.25	5.05	4.35	3.65
90.0-100.0	16.40	16.25	15.90	15.15	14.05	13.25	12.65	13.45	12.40
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	204.15	196.00	188.70	183.45	171.45	153.30	132.70	111.85	92.15

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 725 (SYE00616)

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	7.30	5.60	4.20	3.10	3.25	3.10	1.20	0.80	0.50
10.0-19.9	7.20	4.55	2.65	1.75	3.70	4.30	0.05	0.00	0.00
20.0-29.9	12.80	9.15	5.40	3.95	9.20	10.70	0.05	0.00	0.00

30.0-39.9	11.25	8.80	5.40	4.50	8.55	8.90	0.05	0.00	0.00
40.0-49.9	7.05	5.85	4.10	3.25	6.10	7.30	0.05	0.00	0.00
50.0-59.9	6.50	5.70	4.20	3.10	5.65	5.30	0.05	0.00	0.00
60.0-69.9	5.80	5.20	3.85	2.80	3.85	2.50	0.05	0.00	0.00
70.0-79.9	3.95	3.55	2.90	2.15	2.45	1.45	0.05	0.00	0.00
80.0-89.9	3.10	2.80	2.20	1.75	1.70	0.95	0.05	0.00	0.00
90.0-100.0	10.55	8.30	5.35	4.50	3.25	0.85	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	75.50	59.50	40.25	30.85	47.70	45.35	1.65	0.80	0.50

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C9 725 (SYE00616)

rpm	2350.0-2400.0	>2400.0	Total
%			
<0.0	0.00	0.00	0.50
0.0-9.9	0.25	0.15	2509.50
10.0-19.9	0.00	0.00	730.05
20.0-29.9	0.00	0.00	584.90
30.0-39.9	0.00	0.00	375.35
40.0-49.9	0.00	0.00	218.00
50.0-59.9	0.00	0.00	198.40
60.0-69.9	0.00	0.00	180.35
70.0-79.9	0.00	0.00	120.95
80.0-89.9	0.00	0.00	79.85
90.0-100.0	0.00	0.00	209.70
>100.0	0.00	0.00	0.00
Total	0.25	0.15	5207.55

Lifetime:Accumulated Time vs Intake Manifold Air Temperature - C9 725 (SYE00616)

Intake Manifold Air Temperature(Deg C)	hours	%
<0.00	0.95	0.02
0.00-4.99	8.10	0.14
5.00-9.99	76.45	1.32
10.00-14.99	261.50	4.52
15.00-19.99	589.35	10.20
20.00-24.99	795.65	13.77
25.00-29.99	872.05	15.09
30.00-34.99	995.75	17.23
35.00-39.99	906.30	15.68
40.00-44.99	675.25	11.68
45.00-49.99	364.35	6.30
50.00-54.99	153.80	2.66

55.00-59.99	56.95	0.99
60.00-64.99	20.65	0.36
65.00-69.99	2.70	0.05
70.00-74.99	0.05	0.00
75.00-79.99	0.00	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 725 (SYE00616)

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 725 (SYE00616)

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 725 (SYE00616)

Engine Speed(rpm)	hours	%
<550.0	0.60	0.01
550.0-599.9	0.10	0.00
600.0-649.9	3.30	0.06

650.0-699.9	1174.35	20.33
700.0-749.9	1033.55	17.89
750.0-799.9	304.05	5.26
800.0-849.9	276.65	4.79
850.0-899.9	39.70	0.69
900.0-949.9	32.25	0.56
950.0-999.9	70.05	1.21
1000.0-1049.9	73.10	1.27
1050.0-1099.9	67.70	1.17
1100.0-1149.9	69.15	1.20
1150.0-1199.9	89.10	1.54
1200.0-1249.9	79.50	1.38
1250.0-1299.9	115.35	2.00
1300.0-1349.9	159.40	2.76
1350.0-1399.9	191.35	3.31
1400.0-1449.9	210.20	3.64
1450.0-1499.9	210.00	3.64
1500.0-1549.9	201.65	3.49
1550.0-1599.9	194.00	3.36
1600.0-1649.9	188.70	3.27
1650.0-1699.9	176.45	3.05
1700.0-1749.9	157.55	2.73
1750.0-1799.9	136.55	2.36
1800.0-1849.9	115.15	1.99
1850.0-1899.9	94.90	1.64
1900.0-1949.9	77.95	1.35
1950.0-1999.9	61.30	1.06
2000.0-2049.9	41.65	0.72
2050.0-2099.9	31.90	0.55
2100.0-2149.9	49.75	0.86
2150.0-2199.9	46.85	0.81
2200.0-2249.9	1.50	0.03
2250.0-2299.9	0.80	0.01
2300.0-2349.9	0.50	0.01
2350.0-2399.9	0.25	0.00
2400.0-2449.9	0.10	0.00
2450.0-2499.9	0.05	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

>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 725 (SYE00616)

%	<40	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119
ARD Manual Disable Status									
0	4879.40	373.45	279.10	159.20	162.50	5.65	0.25	0.00	0.00
1	5.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4884.75	373.45	279.10	159.20	162.50	5.65	0.25	0.00	0.00

Lifetime:Accumulated Time vs DPF #1 Soot Loading Percent And ARD Manual Disable Status - C9 725 (SYE00616)

%	120-129	130-140	>140	Total
ARD Manual Disable Status				
0	0.00	0.00	0.00	5859.55
1	0.00	0.00	0.00	5.35
Total	0.00	0.00	0.00	5864.90

Injector Trim Calibration - C9 725 (SYE00616)

Injector	Serial Number	File Version
Injector1	000000003S50287945E7	0
Injector2	000000003S50287946EE	0
Injector3	000000003S50287953E0	0
Injector4	000000003S50287949C3	0
Injector5	000000003S50287944E0	0
Injector6	000000003S50287948C4	0

Monitoring System - C9 725 (SYE00616)

Description	State	Trip Point	Delay Time
<u>Engine Overspeed</u>			
Least Severe (1)	Always On	2600 rpm	0 sec
Most Severe (3)	Always On	2800 rpm	0 sec
<u>Fuel Filter Restriction</u>			
Least Severe (1)	Always On	70 %	1 sec
Moderate Severity (2)	Always On	100 %	1 sec
<u>High Air Inlet #1 Differential Pressure</u>			
Least Severe (1)	Always On	6.5 kPa	0 sec
Moderate Severity (2)	Always On	6.5 kPa	0 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	Always On	109 Deg C	10 sec
Moderate Severity (2)	Always On	111 Deg C	20 sec
<u>High Fuel Temperature</u>			

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

Trans/Chassis 725 (TLP00352)

Parameter	Value
Product ID	TFB00162
Equipment ID	TFB00162
ECM Part Number	3656773-04
ECM Serial Number	03646291VD
Software Group Part Number	4494007-00
Software Group Release Date	DEC2013
Software Group Description	725C Tier 4 Final

Logged Diagnostic Codes [Diagnostic Clock = 7446:57:51 hours] - Trans/Chassis 725 (TLP00352)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 7446:57:51 hours] - Trans/Chassis 725 (TLP00352)

Code	Description	Occ.	First	Last
E047 (1)	Transmission Abuse Warning	55	6289:50:09	7342:26:07
E108 (2)	Machine Upshift to Prevent Engine Overspeed	5	7188:28:38	7412:53:39
E284 (3)	Low Brake Accumulator Pressure	3	7377:59:08	7417:48:55

Active Diagnostic Codes - Trans/Chassis 725 (TLP00352)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Trans/Chassis 725 (TLP00352)

Code	Description
E764 (1)	Trip Data Memory Full

Current Totals - Trans/Chassis 725 (TLP00352)

Description	Value	Unit
Total Operating Hours	7447	hours
Machine Working Distance	36700.6	km

Gear Being Shifted From									
1R	0.00	75352.00	8505.00	0.00	0.00	0.00	0.00	0.00	83857.00
N	14462.00	0.00	86828.00	16.00	0.00	0.00	0.00	0.00	101306.00
1F	42120.00	53579.00	0.00	130574.00	0.00	0.00	0.00	0.00	226273.00
2F	357.00	628.00	129795.00	0.00	134859.00	0.00	0.00	0.00	265639.00
3F	13.00	5.00	96.00	132857.00	0.00	80576.00	0.00	0.00	213547.00
4F	0.00	0.00	17.00	13.00	80010.00	0.00	35836.00	0.00	115876.00
5F	1.00	0.00	7.00	5.00	4.00	33595.00	0.00	15661.00	49273.00
6F	0.00	0.00	0.00	1.00	0.00	2.00	15955.00	0.00	15958.00
Total	56953.00	129564.00	225248.00	263466.00	214873.00	114173.00	51791.00	15661.00	1071729.00

Job:Accumulated Time vs Transmission Oil Temperature - Trans/Chassis 725 (TLP00352)

Transmission Oil Temperature(Deg C)	hours	%
<(-10.0)	0.00	0.00
(-10.0)-38.9	333.70	4.03
39.0-58.9	578.50	6.99
59.0-68.9	658.80	7.96
69.0-78.9	3563.20	43.04
79.0-88.9	3133.20	37.85
89.0-98.9	11.10	0.13
99.0-108.9	0.00	0.00
109.0-120.0	0.00	0.00
>120.0	0.00	0.00

Job:Accumulated Time vs Torque Converter Oil Outlet Temperature - Trans/Chassis 725 (TLP00352)

Torque Converter Oil Outlet Temperature(Deg C)	hours	%
<50.0	527.75	6.38
50.0-68.9	731.85	8.85
69.0-88.9	6600.05	79.82
89.0-98.9	397.80	4.81
99.0-108.9	10.30	0.12
109.0-118.9	0.40	0.00
119.0-128.9	0.05	0.00
129.0-138.9	0.00	0.00
139.0-150.0	0.00	0.00
>150.0	0.00	0.00

Transmission Filter Bypass Time vs Transmission Oil Temperature - Trans/Chassis 725 (TLP00352)

Transmission Oil Temperature(Deg C)	hours	%
<(-10.0)	0.00	0.00
(-10.0)-9.9	0.20	100.00
10.0-29.9	0.00	0.00
30.0-49.9	0.00	0.00
50.0-69.9	0.00	0.00
70.0-89.9	0.00	0.00
90.0-110.0	0.00	0.00
>110.0	0.00	0.00

Transmission Filter Bypass Count vs Transmission Oil Temperature - Trans/Chassis 725 (TLP00352)

Transmission Oil Temperature(Deg C)		%
<(-10.0)	0.00	0.00
(-10.0)-9.9	28.00	73.68
10.0-29.9	10.00	26.32
30.0-49.9	0.00	0.00
50.0-69.9	0.00	0.00
70.0-89.9	0.00	0.00
90.0-110.0	0.00	0.00
>110.0	0.00	0.00

Engine Torque Percentage Vs Engine Speed in 1R - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
%						
<20	0.00	0.00	1.85	1.95	5.20	9.00
20-39	0.00	0.00	0.75	1.00	5.35	7.10
40-59	0.00	0.00	0.30	0.65	1.15	2.10
60-80	0.00	0.00	0.25	0.85	0.05	1.15
>80	0.00	0.00	0.25	0.00	0.00	0.25
Total	0.00	0.00	3.40	4.45	11.75	19.60

Engine Torque Percentage vs Engine Speed in 1F - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
%						
<20	0.10	3.00	3.45	3.70	1.80	12.05
20-39	0.05	0.20	1.40	2.40	2.15	6.20
40-59	0.00	0.05	0.55	1.65	3.70	5.95
60-80	0.00	0.05	0.45	3.35	0.30	4.15
>80	0.00	0.05	0.40	0.00	0.00	0.45
Total	0.15	3.35	6.25	11.10	7.95	28.80

Engine Torque Percentage vs Engine Speed in 2F - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
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%						
<20	0.15	23.50	151.60	133.40	6.60	315.25
20-39	0.05	8.90	123.10	126.30	10.05	268.40
40-59	0.00	2.95	47.70	60.80	5.95	117.40
60-80	0.00	1.40	25.65	34.90	0.25	62.20
>80	0.00	1.05	13.45	0.00	0.00	14.50
Total	0.20	37.80	361.50	355.40	22.85	777.75

Engine Torque Percentage vs Engine Speed in 3F - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
%						
<20	0.00	1.40	170.80	158.15	12.45	342.80
20-39	0.00	1.20	157.40	152.35	7.60	318.55
40-59	0.00	0.75	63.00	79.15	5.65	148.55
60-80	0.00	0.50	34.55	46.00	0.45	81.50
>80	0.00	0.45	21.65	0.00	0.00	22.10
Total	0.00	4.30	447.40	435.65	26.15	913.50

Engine Torque Percentage vs Engine Speed in 4F - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
%						
<20	0.00	0.40	90.60	36.10	2.30	129.40
20-39	0.00	0.40	115.05	51.00	1.20	167.65
40-59	0.00	0.20	70.45	48.45	0.55	119.65
60-80	0.00	0.15	41.60	29.75	0.05	71.55
>80	0.00	0.20	26.65	0.00	0.00	26.85
Total	0.00	1.35	344.35	165.30	4.10	515.10

Engine Torque Percentage vs Engine Speed in 5F - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
%						
<20	0.00	0.30	24.75	2.80	0.20	28.05
20-39	0.00	0.15	60.10	2.15	0.00	62.40
40-59	0.00	0.20	56.20	4.75	0.00	61.15
60-80	0.00	0.05	30.90	6.95	0.00	37.90
>80	0.00	0.10	17.15	0.00	0.00	17.25
Total	0.00	0.80	189.10	16.65	0.20	206.75

Engine Torque Percentage vs Engine Speed in 6F - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
%						
<20	0.00	0.10	10.45	1.55	0.10	12.20
20-39	0.00	0.05	22.65	2.10	0.05	24.85
40-59	0.00	0.00	21.40	3.15	0.40	24.95
60-80	0.00	0.00	9.60	5.00	0.10	14.70
>80	0.00	0.00	2.95	0.00	0.00	2.95
Total	0.00	0.15	67.05	11.80	0.65	79.65

Converter Speed vs Engine Speed 1R - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
rpm						
<200	30.65	22.60	1.00	0.10	0.00	54.35
200-699	27.90	50.85	9.65	2.35	0.00	90.75
700-1199	5.40	75.85	52.10	8.45	0.00	141.80
1200-1699	0.15	3.70	56.80	54.00	0.05	114.70
1700-2200	0.00	0.05	0.65	15.60	30.55	46.85
>2200	0.00	0.00	0.00	0.10	0.25	0.35
Total	64.10	153.05	120.20	80.60	30.85	448.80

Converter Speed vs Engine Speed 1C - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
rpm						
<200	224.55	163.50	0.40	0.20	0.00	388.65
200-699	63.50	70.15	3.50	0.25	0.00	137.40
700-1199	8.25	101.15	48.05	3.30	0.00	160.75
1200-1699	0.20	4.70	87.20	109.70	0.10	201.90
1700-2200	0.00	0.15	1.15	47.35	78.90	127.55
>2200	0.00	0.00	0.00	0.10	0.45	0.55
Total	296.50	339.65	140.30	160.90	79.45	1016.80

Converter Speed vs Engine Speed 2C - Trans/Chassis 725 (TLP00352)

rpm	<800	800-1199	1200-1599	1600-2000	>2000	Total
rpm						
<200	0.50	0.35	0.00	0.00	0.00	0.85
200-699	1.05	1.40	0.20	0.10	0.00	2.75
700-1199	1.35	48.50	26.95	10.85	0.00	87.65
1200-1699	0.10	1.50	34.85	26.35	0.30	63.10
1700-2200	0.00	0.00	0.00	6.00	7.60	13.60
>2200	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.00	51.75	62.00	43.30	7.90	167.95

Time in Gear - Trans/Chassis 725 (TLP00352)

Actual Gear()	hours	%
1R	449.95	5.43
1RL	19.70	0.24
N	4091.20	49.42
1F	1021.85	12.34
1FL	28.85	0.35
2F	168.45	2.03
2FL	780.10	9.42
3FL	916.95	11.08
4FL	515.30	6.22
5FL	206.95	2.50
6FL	79.65	0.96

Job:Accumulated Time vs Actual Retarder Percent Torque And Actual Gear - Trans/Chassis 725 (TLP00352)

%	<5	5-33	34-66	>66	Total
Actual Gear					
1R	429.10	0.00	0.00	0.00	429.10
N	3530.05	0.00	0.00	0.00	3530.05
1F	691.15	0.00	0.00	0.00	691.15
2F	948.30	0.00	0.00	0.00	948.30
3F	916.90	0.00	0.00	0.00	916.90
4F	515.25	0.00	0.00	0.00	515.25
5F	206.95	0.00	0.00	0.00	206.95
6F	79.65	0.00	0.00	0.00	79.65
Total	7317.35	0.00	0.00	0.00	7317.35

Counters - Trans/Chassis 725 (TLP00352)

Description	Value
Lockup Clutch Count	144421
Transmission Hold Override Occurrences	580
Transmission Hold Switch Cycles	2069
Parking Brake Solenoid Cycles	61539
Starter Relay Cycles	7535
Service Brake Pedal Switch Cycles	256129

VIMS Main Module (TFB00162)

Parameter	Value
Machine Serial Number	TFB00162
Product ID	TFB00162
Equipment ID	TFB00162
ECM Part Number	3402413-04
ECM Serial Number	03249021RN
Software Group Part Number	4426441-00
Software Group Release Date	APR13
Software Group Description	PLGSM 2013A PROD 1.0
Application Software Part Number	Unavailable
Telematic Device Software Group Part Number	5809705-00
Telematic Device Software Group Release Date	MAR2019
Telematic Device Software Group Description	PROD-4.3.11

Logged Diagnostic Codes [Diagnostic Clock = 7446 hours] - VIMS Main Module (TFB00162)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 7446 hours] - VIMS Main Module (TFB00162)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - VIMS Main Module (TFB00162)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - VIMS Main Module (TFB00162)

Code	Description
No Active Event Codes	

Current Totals - VIMS Main Module (TFB00162)

Description	Value	Unit
Total Operating Hours	7447	hours

Configuration - VIMS Main Module (TFB00162)

Description	Value	Unit
Data Acquisition System Installation Status	Unavailable	
Data Acquisition System Temporary Installation Status	Not Installed	
Data Acquisition System Temporary Installation Time Remaining	15000	min
Customer Password #1	*****	
Customer Password #2	*****	
Product ID	TFB00162	
Equipment ID	TFB00162	
External Service Lamp Installation Configuration	Unavailable	
External Service Lamp Display Mode Setting	Unavailable	
Telemetry Port Selection	Unavailable	
TMAC Protocol Port Selection	Unavailable	
Ethernet Media Access Control (MAC) Address	00:0A:75:04:43:7C	
Internet Protocol Host Name	VIMS3G	
Internet Protocol (IPv4) Address	165.26.79.218	
Internet Protocol (IPv4) Network Mask	255.255.255.252	
Network Default Gateway Internet Protocol (IPv4) Address	165.26.79.216	
Web Server Administrator Password	admin	
Dynamic Host Configuration Protocol (DHCP) Enable Status	Disabled	
Fleet Management System (FMS) Installation Status	Not Installed	
Fleet Management System (FMS) Enable Status	Unavailable	
Maintenance Mode	Off	
Machine Serial Number	TFB00162	

Indication Display

Parameter	Value
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ECM Part Number	3757305-03
ECM Serial Number	03748004DT
Software Group Part Number	4488243-00
Software Group Release Date	AUG2013
Software Group Description	Indication Display

Diesel Exhaust Fluid Controller #1

Parameter	Value
Aftertreatment #1 DEF Dosing System Serial Number	PET001705T
Application Software Part Number	4410634-00

Configuration - Diesel Exhaust Fluid Controller #1

Description	Value	Unit
Aftertreatment #1 DEF Dosing System Serial Number	PET001705T	
Application Software Part Number	4410634-00	

Engine #1 Aftertreatment Controller

Parameter	Value
Equipment ID	TFB00162
Engine Serial Number	SYE00616
ECM Serial Number	33947438QS
Software Group Part Number	4682833-00
Software Group Release Date	SEP14
Software Group Description	AFT_T4F_C9.3_HWA_A5E2V1

Logged Diagnostic Codes [Diagnostic Clock = 7446 hours] - Engine #1 Aftertreatment Controller

Code	Description	Occ.	First	Last
2348- 9	SAE J1939 Data Link #2 : Abnormal Update Rate	1	7446	7446
168- 4	Electrical System Voltage : Voltage Below Normal	2	7422	7444
3096- 8	Aftertreatment #1 DEF Temperature #1 Sensor : Abnormal Frequency, Pulse Width, or Period	1	7422	7422

Logged Event Codes [Diagnostic Clock = 7446 hours] - Engine #1 Aftertreatment Controller

Code	Description	Occ.	First	Last
E114 (1)	Aftertreatment #1 DEF Dosing Unit #1 Input Lines Not Purged	6	7350	7422
E1466 (1)	Operator Forced Shutdown with High Exhaust Temperature	43	3896	7438

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
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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: 7446:51:21 -

Current Totals - Engine #1 Aftertreatment Controller

Description	Value	Unit
DPF #1 Last Ash Service Engine Lifetime Hours	6920.8	hours
Total ARD Fuel	1718.500	L
Aftertreatment #1 Total DEF Used	1741.9	L
Exhaust Particulate Control System Diagnostic Time	Unavailable	sec
Exhaust Particulate Control System Diagnostic Count	Unavailable	

Configuration - Engine #1 Aftertreatment Controller

Description	Value	Unit
Equipment ID	TFB00162	
Engine Serial Number	SYE00616	
ECM Serial Number	33947438QS	
Software Group Part Number	4682833-00	
Software Group Release Date	SEP14	
Software Group Description	AFT_T4F_C9.3_HWA_A5E2V1	
ARD Auto Regeneration Enable Status	Enabled	
Factory Installed Aftertreatment #1 Identification Number	NOT PROG	
ARD Fuel Pressure #2 System Installation Status	Not Installed	

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
High Speed	Start	Enabled	15-10-2019 12:31:52	7444.37 hours	2	0 %	High Speed	Start
Low Speed	Start	Enabled	9-10-2019 12:32:40	7440.16 hours	7	0 %	High Speed	Start
High Speed	Start	Enabled	2-10-2019 13:16:31	7439.19 hours	7	0 %	High Speed	Start

High Speed	Start	Enabled	27-9-2019 17:51:59	7438.41 hours	2	0 %	High Speed	Start
High Speed	Start	Enabled	26-9-2019 21:24:31	7438.18 hours	2	0 %	High Speed	Start
High Speed	Start	Enabled	26-9-2019 09:18:57	7438.00 hours	2	0 %	High Speed	Start
High Speed	Start	Enabled	25-9-2019 12:18:28	7437.41 hours	2	0 %	High Speed	Start
High Speed	Start	Enabled	24-9-2019 09:58:29	7425.52 hours	1	0 %	High Speed	Start
Low Speed	Start	Enabled	23-9-2019 09:40:07	7424.86 hours	7	0 %	Low Speed	Start
Low Speed	Start	Enabled	19-9-2019 15:04:05	7424.63 hours	3	0 %	High Speed	Start
High Speed	Start	Enabled	18-9-2019 18:12:08	7424.38 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	22-8-2019 13:30:52	7422.55 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	20-8-2019 16:57:10	7422.45 hours	2	0 %	High Speed	Start
High Speed	Start	Enabled	20-8-2019 12:35:22	7422.32 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	19-8-2019 15:19:32	7422.04 hours	3	0 %	High Speed	Start
Low Speed	Start	Enabled	15-8-2019 17:06:11	7419.38 hours	7	0 %	Low Speed	Start
Low Speed	Start	Enabled	14-8-2019 10:55:03	7418.89 hours	7	2 %	High Speed	Start
Low Speed	Start	Enabled	9-7-2019 15:10:03	7418.03 hours	7	15 %	Low Speed	Start
Low Speed	Start	Enabled	3-7-2019 10:23:36	7415.85 hours	5	13 %	High Speed	Start
High Speed	Start	Enabled	2-7-2019 13:58:08	7407.37 hours	1	4 %	High Speed	Start
High Speed	Start	Enabled	2-7-2019 13:52:05	7407.26 hours	1	3 %	High Speed	Start
High Speed	Start	Enabled	2-7-2019 13:44:06	7407.13 hours	5	6 %	High Speed	Start
Low Speed	ARD Maintenance	Enabled	1-7-2019 20:15:55	7404.10 hours	5	7 %	High Speed	ARD Maintenance
High Speed	Start	Enabled	1-7-2019 11:41:20	7398.66 hours	1	11 %	High Speed	Start

Low Speed	Start	Enabled	28-6-2019 10:22:58	7391.43 hours	7	19 %	High Speed	Start
Low Speed	Start	Enabled	27-6-2019 10:11:28	7384.48 hours	5	20 %	High Speed	Start
High Speed	Start	Enabled	26-6-2019 10:46:10	7377.96 hours	3	16 %	High Speed	Start
High Speed	Start	Enabled	26-6-2019 10:27:13	7377.65 hours	1	35 %	High Speed	Start
High Speed	Start	Enabled	26-6-2019 10:15:31	7377.45 hours	1	42 %	High Speed	Start
Low Speed	Start	Enabled	25-6-2019 11:32:52	7371.79 hours	7	38 %	Low Speed	Start
High Speed	Start	Enabled	24-6-2019 10:33:42	7359.93 hours	1	22 %	High Speed	Start
High Speed	Start	Enabled	23-6-2019 10:04:29	7355.30 hours	1	26 %	High Speed	Start
High Speed	Start	Enabled	22-6-2019 10:35:17	7348.85 hours	1	35 %	High Speed	Start
High Speed	Start	Enabled	21-6-2019 15:37:36	7346.23 hours	1	29 %	High Speed	Start
High Speed	Start	Enabled	21-6-2019 15:26:17	7346.04 hours	2	27 %	High Speed	Start
High Speed	Start	Enabled	21-6-2019 15:06:15	7345.71 hours	1	49 %	High Speed	Start
High Speed	Start	Enabled	20-6-2019 10:40:08	7333.65 hours	1	21 %	High Speed	Start
Low Speed	ARD Maintenance	Enabled	20-6-2019 01:04:43	7332.21 hours	5	30 %	Low Speed	ARD Maintenance
Low Speed	Start	Enabled	19-6-2019 10:34:44	7321.66 hours	5	21 %	High Speed	Start
Low Speed	Start	Enabled	18-6-2019 10:17:19	7318.79 hours	2	19 %	High Speed	Start

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
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Hot Shutdown (Above DPF Inlet Temperature Threshold)	7438.56 hours	27-9-2019 18:18:06	310.0 Deg C	26.3 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7438.25 hours	27-9-2019 17:42:29	310.0 Deg C	20.7 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7438.15 hours	26-9-2019 11:34:54	310.0 Deg C	30.5 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7437.55 hours	25-9-2019 12:35:06	310.0 Deg C	16.6 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7424.93 hours	23-9-2019 09:44:40	310.0 Deg C	17.9 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7424.75 hours	20-9-2019 20:50:18	310.0 Deg C	20.4 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7422.55 hours	22-8-2019 13:28:00	310.0 Deg C	19.3 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7422.45 hours	20-8-2019 16:54:31	310.0 Deg C	29.1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	7056.98 hours	3-5-2019 10:28:51	310.0 Deg C	13.2 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6895.75 hours	27-3-2019 18:04:56	310.0 Deg C	22.7 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6860.71 hours	19-3-2019 11:26:20	310.0 Deg C	12.1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6271.05 hours	19-10-2018 11:13:19	310.0 Deg C	18.2 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6173.35 hours	17-9-2018 13:33:20	310.0 Deg C	28.9 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6168.12 hours	16-9-2018 10:45:44	310.0 Deg C	17.0 Deg C

Hot Shutdown (Above DPF Inlet Temperature Threshold)	6051.14 hours	8-8-2018 10:04:12	310.0 Deg C	17.4 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6032.59 hours	4-8-2018 01:35:29	310.0 Deg C	21.1 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	6025.25 hours	31-7-2018 10:02:41	310.0 Deg C	18.6 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	5990.53 hours	20-7-2018 15:10:21	310.0 Deg C	29.5 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	5988.10 hours	20-7-2018 11:41:44	310.0 Deg C	20.4 Deg C
Hot Shutdown (Above DPF Inlet Temperature Threshold)	5903.78 hours	28-6-2018 09:53:15	310.0 Deg C	19.2 Deg C

Diesel Oxidation Catalyst Replacement - Engine #1 Aftertreatment Controller

Description	Value	Unit
Engine Lifetime Hours	7460.2	hours
Total Operating Hours	7447	hours

History Data

No history data available.

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

Description	Value	Unit
Engine Lifetime Hours	7460.2	hours
Total Operating Hours	7447	hours

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	7460.2	hours
Total Operating Hours	7447	hours
DPF #1 Hours Since Last Ash Service	Unavailable	

Service Tool S/N	Date	SHM	Engine Lifetime Hours	Replacement Type
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ET604879	5-4-2019	6907.6 hours	6920.8 hours	Field Cleaned
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