

Cat Electronic Technician 2020C v1.0

Product Status Report

7/05/2022 2:46 PM

Product Status Report

Parameter	Value
Product ID	KDP00868
Equipment ID	KDP00868
Comments	

C32 777 (DLT00859)

Parameter	Value
Equipment ID	KDP00868
Engine Serial Number	DLT00859
ECM Part Number	4787926-01
ECM Serial Number	10386070JV
Software Group Part Number	5125465-00
Software Group Release Date	APR16
Software Group Description	OHT-777
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 11497 hours] - C32 777 (DLT00859)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 11497 hours] - C32 777 (DLT00859)

Code	Description	Occ.	First	Last
E1217 (3)	Delayed Engine Shutdown Override	3	11495	11496

Active Diagnostic Codes - C32 777 (DLT00859)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C32 777 (DLT00859)

Code	Description
No Active Event Codes	

Current Totals - C32 777 (DLT00859)

Description	Value	Unit
Total Idle Time	4566:30	hours

Total Fuel	541444	L
Total Idle Fuel	49901	L
Total Max Fuel	2212553	L
Total Operating Hours	11497	hours
Engine Starts	7687	
Lifetime Total Engine Revolutions	792715048	rev
Total Engine Idle Shutdown Count	211	
Total Engine Idle Shutdown Overrides Count	9017	
Total Delayed Engine Shutdown Count	11489	
Total Delayed Engine Shutdown Overrides Count	47	
Average RPM	1149.16	rpm
Percentage Idle Time	39.71	%
Average Fuel Rate	47.09	L/h
Overall Load Factor	24	%

Configuration - C32 777 (DLT00859)

Description	Value	Unit
Equipment ID	KDP00868	
Engine Serial Number	DLT00859	
ECM Part Number	4787926-01	
ECM Serial Number	10386070JV	
Software Group Part Number	5125465-00	
Software Group Release Date	APR16	
Software Group Description	OHT-777	
Ether Solenoid Configuration	Continuous Flow Solenoid	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	10.0	min
Delayed Engine Shutdown Enable Status	Enabled	
Delayed Engine Shutdown Maximum Time	10.0	min
Engine Coolant Dual Pressure Sensors Installation Status	Unavailable	
FLS	36	
FTS	-25	
Total Tattletale	11739	

Lifetime: Time vs Engine Coolant Temperature - C32 777 (DLT00859)

Engine Coolant Temperature(Deg C)	hours	%
<50.0	72.05	0.63
50.0-54.0	27.80	0.24
55.0-59.0	37.65	0.33
60.0-64.0	60.65	0.53
65.0-69.0	105.85	0.93

70.0-74.0	172.15	1.51
75.0-79.0	241.60	2.11
80.0-84.0	10524.20	92.01
85.0-89.0	195.45	1.71
90.0-94.0	0.10	0.00
95.0-99.0	0.15	0.00
100.0-104.0	0.00	0.00
105.0-109.0	0.20	0.00
110.0-114.0	0.00	0.00
115.0-119.0	0.00	0.00
>120.0	0.00	0.00

Lifetime: Time vs Inlet Air Temperature - C32 777 (DLT00859)

Inlet Air Temperature(Deg C)	hours	%
<40.0	796.40	74.05
40.0-44.0	133.55	12.42
45.0-49.0	77.25	7.18
50.0-54.0	42.30	3.93
55.0-59.0	19.55	1.82
60.0-64.0	6.05	0.56
65.0-69.0	0.35	0.03
70.0-74.0	0.00	0.00
75.0-79.0	0.00	0.00
80.0-84.0	0.00	0.00
85.0-89.0	0.00	0.00
90.0-94.0	0.00	0.00
95.0-99.0	0.00	0.00
>100.0	0.00	0.00

Lifetime: Time vs Boost Pressure - C32 777 (DLT00859)

Boost Pressure(kPa)	hours	%
<80.0	9.40	0.87
80.0-89.0	11.30	1.05
90.0-99.0	16.90	1.57
100.0-109.0	23.40	2.18
110.0-119.0	32.20	2.99
120.0-129.0	45.20	4.20
130.0-139.0	70.95	6.60
140.0-149.0	129.05	12.00
150.0-159.0	192.50	17.90
160.0-169.0	234.35	21.79
170.0-179.0	222.05	20.65
180.0-189.0	85.40	7.94
190.0-199.0	2.65	0.25
>200.0	0.00	0.00

Lifetime: Time vs Engine Speed And Engine Load Factor - C32 777 (DLT00859)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
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170.0-199.9	0	0	0	0	0	0	0	0
>200.0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Injector Trim Calibration - C32 777 (DLT00859)

Injector	Serial Number	File Version
Injector1	000000005A53622152E7	0
Injector2	000000005A53622114A1	0
Injector3	000000005A53622153E0	0
Injector4	000000005A5362211885	0
Injector5	000000005A5362218107	0
Injector6	000000005A5362207890	0
Injector7	000000005A5362218715	0
Injector8	000000005A53622070A8	0
Injector9	000000005A5362212082	0
Injector10	000000005A53622102A6	0
Injector11	000000005A5362208570	0
Injector12	000000005A53622104B4	0

Monitoring System - C32 777 (DLT00859)

Description	State	Trip Point	Delay Time
<u>Engine Overspeed</u>			
Least Severe (1)	Always On	2600 rpm	0 sec
Moderate Severity (2)	Always On	2800 rpm	0 sec
<u>High Air Filter Restriction Pressure</u>			
Least Severe (1)	Always On	7.5 kPa	30 sec
Moderate Severity (2)	Always On	9.0 kPa	30 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	Always On	110 Deg C	10 sec
Moderate Severity (2)	Always On	111 Deg C	10 sec
<u>High Engine Inlet #2 Air Temperature</u>			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
<u>High Fuel Pressure</u>			
Least Severe (1)	Always On	880.0 kPa	8 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	Always On	90.0 Deg C	30 sec
Moderate Severity (2)	Always On	91.0 Deg C	10 sec
<u>High Left Exhaust #2 Temperature</u>			
Moderate Severity (2)	Always On	760 Deg C	5 sec

Most Severe (3)	Always On	805 Deg C	5 sec
High Left Exhaust Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	805 Deg C	5 sec
High Right Exhaust #2 Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	805 Deg C	5 sec
High Right Exhaust Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	805 Deg C	5 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Moderate Severity (2)	Always On	None	4 sec

Brake 777E (KDP00868)

Parameter	Value
Equipment ID	KDP00868
ECM Part Number	3045687-03
ECM Serial Number	15886872MS
Software Group Part Number	5503230-00
Software Group Release Date	OCT2017
Software Group Description	Optimus 777E (KDP200-up)

Logged Diagnostic Codes [Diagnostic Clock = 11497 hours] - Brake 777E (KDP00868)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 11497 hours] - Brake 777E (KDP00868)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Brake 777E (KDP00868)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Brake 777E (KDP00868)

Code	Description
No Active Event Codes	

Configuration - Brake 777E (KDP00868)

Description	Value	Unit
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Product ID	KDP00868	
Equipment ID	KDP00868	
Desired Engine Retard Speed	1938	rpm
Auto Retarder Control System Installation Status	Installed	
Traction Control System Installation Status	Installed	
Automatic Traction Control Enable Status	Enabled	
Oil Cooled Front Brake Installation Status	Not Installed	
Total Tattletale	2	

Counters - Brake 777E (KDP00868)

Description	Value
Retarder Control Valve Cycles	4726000
Retarder Supply Valve Cycles	111010

Chassis 777E (KDP00868)

Parameter	Value
Product ID	KDP00868
Equipment ID	KDP00868
Transmission Serial Number	JJS01065
ECM Part Number	3045687-03
ECM Serial Number	15186389MS
Software Group Part Number	5624323-00
Software Group Release Date	APR2018
Software Group Description	Optimus 777E (KDP200-up)

Logged Diagnostic Codes [Diagnostic Clock = 11497 hours] - Chassis 777E (KDP00868)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 11497 hours] - Chassis 777E (KDP00868)

Code	Description	Occ.	First	Last
E289 (2)	Low System Air Pressure	14	11486	11496
E627 (2)	Parking Brake Applied with Machine in Motion	1	11495	11495

Active Diagnostic Codes - Chassis 777E (KDP00868)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Chassis 777E (KDP00868)

Code	Description
E289 (1)	Low System Air Pressure

Current Totals - Chassis 777E (KDP00868)

Description	Value	Unit
Total Operating Hours	11497	hours

Total Distance	113780.20	km
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Configuration - Chassis 777E (KDP00868)

Description	Value	Unit
Equipment ID	KDP00868	
Product ID	KDP00868	
Transmission Serial Number	JJS01065	
Transmission Maximum Forward Gear	6	
Body Up Gear Limit	1	
Machine Overload Speed Limit Enable Status	On	
Loaded Machine Speed Limit	40.0	km/h
Machine Speed Limit	40	km/h
Machine Speed Correction Factor	0.0000	%
Throttle Lock Enable Gear Limit	7	
Sound Reduction Engine Speed Limit Enable Status	Enabled	
Hoist System Enable Status	Enabled	
Hoist Lower Valve Adjustment Status	0	
Auto Lube System Installation Status	Not Installed	
Auto Lube Interval	Unavailable	min
Auto Lube Duration	Unavailable	sec
Operator Seat Belt Monitor Installation Status	Not Installed	
Heated Side Rear View Mirrors Installation Status	Not Installed	
Ambient Air Temperature Sensor Installation Status	Installed	
Forced Fuel Economy Mode Configuration	Not Forced	
Total Tattletale	0	
Park Brake Status	Disabled or Not Installed	%
Remain HeatTime	0	sec
HeatedMir status	Off	
Heated Mirr sw	Not Depressed	
VIMS Main Install	Installed	

Lifetime:Time vs Actual Gear - Chassis 777E (KDP00868)

Actual Gear()	hours	%
1R	467.55	4.01
2R	0.00	0.00
1R L	0.00	0.00
2R L	0.00	0.00
Neutral	4254.30	36.50
1F	1580.40	13.56
2F	0.15	0.00
3F	0.05	0.00
4F	0.05	0.00
5F	0.00	0.00
6F	0.00	0.00

Lifetime:Time vs Torque Converter Outlet Temperature And Transmission Oil Temperature - Chassis 777E (KDP00868)

Deg C	>150	Total
Deg C		
<(-10)	0.00	0.00
(-10)-39	0.00	0.00
40-59	0.00	0.00
60-69	0.00	0.00
70-79	0.00	0.00
80-89	0.00	0.00
90-99	0.00	0.00
100-109	0.00	0.00
110-120	0.00	0.00
>120	0.00	0.00
Total	0.00	0.00

Shift Count Matrix - Chassis 777E (KDP00868)

To	N	R	1	2	3	4	5	6	7
From									
N	---	36008	115913	7	2	0	1	0	3
R	72523	---	11356	0	0	0	0	0	0
1	79275	47873	---	199677	428	7	0	1	0
2	97	0	192931	---	214591	34	2	0	0
3	3	3	5849	201455	---	191979	26	0	0
4	1	0	912	6401	183822	---	143627	0	0
5	0	0	308	113	469	142697	---	64987	0
6	0	0	19	2	3	46	64916	---	5217
7	3	0	0	0	0	0	2	5215	---

Counters - Chassis 777E (KDP00868)

Description	Value
Lockup Clutch Count	233461
Load Count	31436
Total Load Count	31436

Monitor 777E (KDP00868)

Parameter	Value
Product ID	KDP00868
Equipment ID	KDP00868
ECM Part Number	2848905-03
ECM Serial Number	0088B078HX
Software Group Part Number	5624698-00
Software Group Release Date	APR18
Software Group Description	SOHT 777E Retrofit

Logged Diagnostic Codes [Diagnostic Clock = 11497 hours] - Monitor 777E (KDP00868)

Code	Description	Occ.	First	Last
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No Logged Diagnostic Codes				
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Logged Event Codes [Diagnostic Clock = 11497 hours] - Monitor 777E (KDP00868)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Monitor 777E (KDP00868)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Monitor 777E (KDP00868)

Code	Description
No Active Event Codes	

Configuration - Monitor 777E (KDP00868)

Description	Value	Unit
Equipment ID	KDP00868	
Product ID	KDP00868	
Information Units Status	Metric	
Display Language Status	English	
Service Mode Enable Code	0	

Product Link Elite (KDP00868) **INCOMPLETE******

Parameter	Value
Product ID	KDP00868
Machine Serial Number	
Equipment ID	RD42
ECM Part Number	4590786-02
ECM Serial Number	2368F025TR
Software Group Part Number	5743743-00
Software Group Release Date	Nov2018
Software Group Description	VIMS_TELEMATICS_2018_11_14
Application Software Part Number	5624324-00
Cellular Device ECM Serial Number	1138S140YD
Cellular Device ECM Hardware Part Number	4402105-16
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 [Diagnostic Clock = 11497 hours] - Product Link Elite (KDP00868)

****INCOMPLETE****

Code	Description	Occ.	First	Last
890- 9	Telemetry Data Link : Abnormal Update Rate	1	7098	7098

Logged Event Codes [Diagnostic Clock = 11497 hours] - Product Link Elite (KDP00868)

****INCOMPLETE****

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link Elite (KDP00868) ****INCOMPLETE****

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link Elite (KDP00868) ****INCOMPLETE****

Code	Description
No Active Event Codes	

Current Totals - Product Link Elite (KDP00868) ****INCOMPLETE****

Description	Value	Unit
Total Operating Hours	11497	hours
Total Distance	113780.20	km

Configuration - Product Link Elite (KDP00868) ****INCOMPLETE****

Description	Value	Unit
Product ID	KDP00868	
Equipment ID	RD42	
External Service Lamp Installation Configuration	Not Installed	
External Service Lamp Display Mode Setting	Damage Events Only	
Telemetry Port Selection	Disabled	
TMAC Protocol Port Selection	Ethernet	
Tire Monitoring System Installation Status	Unavailable	
CAT Data Link Module Identifier Configuration	Gateway #1	
Machine Serial Number		
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 Machine Normal Operation Restore	Unavailable	
Security System Tamper Resistant Configuration	Unavailable	

Indication Display

Parameter	Value
ECM Part Number	4690894-03
ECM Serial Number	1078D050DT
Software Group Part Number	5523605-00
Software Group Release Date	NOV2017
Software Group Description	Indication Display