

Cat Electronic Technician 2020C v1.0

Product Status Report

7/05/2022 3:06 PM

Product Status Report

Parameter	Value
Product ID	KDP01512
Equipment ID	KDP01512
Comments	

Chassis 777E (KDP01512)

Parameter	Value
Product ID	KDP01512
Equipment ID	KDP01512
Transmission Serial Number	JJS01793
ECM Part Number	3045687-03
ECM Serial Number	03597483MS
Software Group Part Number	5624323-00
Software Group Release Date	APR2018
Software Group Description	Optimus 777E (KDP200-up)

Logged Diagnostic Codes [Diagnostic Clock = 4051 hours] - Chassis 777E (KDP01512)

Code	Description	Occ.	First	Last
1482- 3	10 Volt Sensor DC Power Supply : Voltage Above Normal	4	3916	4028
3467- 6	Main Power Relay : Current Above Normal	118	3359	4028
177- 4	Transmission Oil Temperature Sensor : Voltage Below Normal	8	3797	4018
457- 4	Brake Oil Temperature Sensor : Voltage Below Normal	9	3797	4018
3797- 2	Operator Seat Belt Switch : Erratic, Intermittent, or Incorrect	127	1581	3479

Logged Event Codes [Diagnostic Clock = 4051 hours] - Chassis 777E (KDP01512)

Code	Description	Occ.	First	Last
E049 (2)	Coasting in Neutral Warning	1	2252	2252
E289 (2)	Low System Air Pressure	127	1271	4050
E330 (3)	Transmission Output Speed Mismatch	4	1816	3476
E542 (3)	Low Steering Pump Pressure	1	3255	3255
E1003 (2)	High Brake Oil Temperature	1	3863	3863

Active Diagnostic Codes - Chassis 777E (KDP01512)

Code	Description
3797- 2	Operator Seat Belt Switch : Erratic, Intermittent, or Incorrect

Active Event Codes - Chassis 777E (KDP01512)

Code	Description
E289 (1)	Low System Air Pressure

Current Totals - Chassis 777E (KDP01512)

Description	Value	Unit
Total Operating Hours	4051	hours
Total Distance	32259.30	km

Configuration - Chassis 777E (KDP01512)

Description	Value	Unit
Equipment ID	KDP01512	
Product ID	KDP01512	
Transmission Serial Number	JJS01793	
Transmission Maximum Forward Gear	7	
Body Up Gear Limit	3	
Machine Overload Speed Limit Enable Status	On	
Loaded Machine Speed Limit	0.0	km/h
Machine Speed Limit	0	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	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 (KDP01512)

Actual Gear()	hours	%
1R	243.80	5.59
2R	0.00	0.00
1R L	0.00	0.00
2R L	0.00	0.00

70-79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80-89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100-109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110-120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>120	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:Time vs Torque Converter Outlet Temperature And Transmission Oil Temperature - Chassis 777E (KDP01512)

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 (KDP01512)

To	N	R	1	2	3	4	5	6	7
From									
N	---	13231	57151	16	2	0	0	0	2
R	37987	---	10951	0	0	0	0	0	0
1	32380	35709	---	73049	83	3	1	0	0
2	10	0	69772	---	79623	11	1	0	0
3	0	0	2840	73380	---	74509	8	0	0
4	0	0	429	2945	70622	---	50549	0	0
5	0	0	95	27	407	49998	---	17420	0
6	0	0	8	0	0	24	17388	---	2143
7	2	0	0	0	0	0	0	2143	---

Counters - Chassis 777E (KDP01512)

Description	Value
Lockup Clutch Count	82964
Load Count	16348
Total Load Count	16348

C32 777 (DLT01659)

Parameter	Value
Equipment ID	KDP01512
Engine Serial Number	DLT01659
ECM Part Number	4787926-01

ECM Serial Number	04597523JV
Software Group Part Number	5882022-00
Software Group Release Date	SEP19
Software Group Description	OHT-777
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 4051 hours] - C32 777 (DLT01659)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 4051 hours] - C32 777 (DLT01659)

Code	Description	Occ.	First	Last
E194 (1)	High Exhaust Temperature	127	883	3157
E775 (3)	High Left Exhaust #2 Temperature	12	808	823
E1217 (2)	Delayed Engine Shutdown Override	10	6	3930

Active Diagnostic Codes - C32 777 (DLT01659)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C32 777 (DLT01659)

Code	Description
No Active Event Codes	

Current Totals - C32 777 (DLT01659)

Description	Value	Unit
Total Idle Time	1798:57	hours
Total Fuel	166337	L
Total Idle Fuel	15957	L
Total Max Fuel	759788	L
Total Operating Hours	4051	hours
Engine Starts	4902	
Lifetime Total Engine Revolutions	271922984	rev
Total Engine Idle Shutdown Count	8	
Total Engine Idle Shutdown Overrides Count	24	
Total Delayed Engine Shutdown Count	4525	
Total Delayed Engine Shutdown Overrides Count	10	
Average RPM	1118.75	rpm
Percentage Idle Time	44.38	%
Average Fuel Rate	41.06	L/h
Overall Load Factor	21	%

Configuration - C32 777 (DLT01659)

Description	Value	Unit
Equipment ID	KDP01512	
Engine Serial Number	DLT01659	
ECM Part Number	4787926-01	
ECM Serial Number	04597523JV	
Software Group Part Number	5882022-00	
Software Group Release Date	SEP19	
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	5.0	min
Engine Coolant Dual Pressure Sensors Installation Status	Unavailable	
FLS	28	
FTS	-3	
Total Tattletale	4802	

Lifetime: Time vs Engine Coolant Temperature - C32 777 (DLT01659)

Engine Coolant Temperature(Deg C)	hours	%
<50.0	33.65	0.84
50.0-54.0	14.65	0.37
55.0-59.0	17.80	0.44
60.0-64.0	23.50	0.59
65.0-69.0	33.90	0.84
70.0-74.0	65.35	1.63
75.0-79.0	231.05	5.76
80.0-84.0	3563.75	88.82
85.0-89.0	27.15	0.68
90.0-94.0	1.55	0.04
95.0-99.0	0.05	0.00
100.0-104.0	0.00	0.00
105.0-109.0	0.00	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 (DLT01659)

Inlet Air Temperature(Deg C)	hours	%
<40.0	289.65	63.82
40.0-44.0	64.00	14.10
45.0-49.0	52.55	11.58
50.0-54.0	27.55	6.07

55.0-59.0	16.40	3.61
60.0-64.0	3.65	0.80
65.0-69.0	0.05	0.01
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 (DLT01659)

Boost Pressure(kPa)	hours	%
<80.0	4.15	0.91
80.0-89.0	4.45	0.98
90.0-99.0	6.55	1.44
100.0-109.0	9.95	2.19
110.0-119.0	15.30	3.37
120.0-129.0	23.85	5.26
130.0-139.0	39.90	8.79
140.0-149.0	67.85	14.95
150.0-159.0	86.70	19.11
160.0-169.0	81.70	18.01
170.0-179.0	75.30	16.60
180.0-189.0	36.05	7.95
190.0-199.0	1.95	0.43
>200.0	0.00	0.00

Lifetime: Time vs Engine Speed And Engine Load Factor - C32 777 (DLT01659)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50.0	2013.55	111.90	335.50	452.05	189.70	31.75	0.25	0.00	3134.70
50.0-59.9	11.85	7.40	17.70	25.65	15.20	3.65	0.00	0.00	81.45
60.0-69.9	4.20	12.70	17.50	21.10	13.90	2.90	0.00	0.00	72.30
70.0-79.9	0.05	2.00	13.70	18.85	13.55	3.15	0.00	0.00	51.30
80.0-89.9	0.05	0.45	9.55	17.90	14.80	3.95	0.00	0.00	46.70
>90.0	0.55	8.00	79.50	149.30	204.05	18.15	0.00	0.00	459.55
Total	2030.25	142.45	473.45	684.85	451.20	63.55	0.25	0.00	3846.00

Lifetime: Total Occurrences vs Engine Speed - C32 777 (DLT01659)

Engine Speed(rpm)	Count	%
<2500.0	0	0.00
2500.0-2599.0	0	0.00
2600.0-2699.0	0	0.00

2700.0-2799.0	0	0.00
2800.0-2899.0	0	0.00
2900.0-2999.0	0	0.00
3000.0-3099.0	0	0.00
3100.0-3199.0	0	0.00
3200.0-3299.0	0	0.00
>3300.0	0	0.00

Lifetime: Time vs Engine Speed And Unknown - C32 777 (DLT01659)

rpm	<1000	1000-1299	1300-1599	1600-1899	1900-2199	2200-2499	2500-2799	>2800	Total
Unknown									
<1.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.0-1.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.0-2.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.0-3.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>4.0	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	0.00	0.00	0.00	0.00

Lifetime: Total Occurrences vs Engine Speed And Boost Pressure - C32 777 (DLT01659)

rpm	<1900	1900-2099	2100-2299	2300-2499	2500-2699	2700-2899	>2900	Total
kPa								
<50.0	0	0	0	0	0	0	0	0
50.0-79.9	0	0	0	0	0	0	0	0
80.0-109.9	0	0	0	0	0	0	0	0
110.0-139.9	0	0	0	0	0	0	0	0
140.0-169.9	0	0	0	0	0	0	0	0
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 (DLT01659)

Injector	Serial Number	File Version
Injector1	000000005A537897931F	0
Injector2	000000005A53789878BF	0
Injector3	000000005A53789804F0	0
Injector4	000000005A53789826D4	0
Injector5	000000005A53789812F7	0
Injector6	000000005A53789801EB	0
Injector7	000000005A53789809D3	0
Injector8	000000005A5378979016	0
Injector9	000000005A53789818C1	0
Injector10	000000005A53789777D5	0
Injector11	000000005A5378986787	0

Injector12	000000005A5378987695	0
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Monitoring System - C32 777 (DLT01659)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2600 rpm	0 sec
Moderate Severity (2)	Always On	2800 rpm	0 sec
High Air Filter Restriction Pressure			
Least Severe (1)	Always On	7.5 kPa	30 sec
Moderate Severity (2)	Always On	9.0 kPa	30 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	110 Deg C	10 sec
Moderate Severity (2)	Always On	111 Deg C	10 sec
High Engine Inlet #2 Air Temperature			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
High Engine Inlet Air Temperature			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
High Fuel Pressure			
Least Severe (1)	Always On	880.0 kPa	8 sec
High Fuel Temperature			
Least Severe (1)	Always On	90.0 Deg C	30 sec
Moderate Severity (2)	Always On	91.0 Deg C	10 sec
High Left Exhaust #2 Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
High Left Exhaust Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
High Right Exhaust #2 Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
High Right Exhaust Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 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 (KDP01512)

Parameter	Value
Equipment ID	KDP01512
ECM Part Number	3045687-03
ECM Serial Number	04998155MS
Software Group Part Number	5503230-00
Software Group Release Date	OCT2017
Software Group Description	Optimus 777E (KDP200-up)

Logged Diagnostic Codes [Diagnostic Clock = 4051 hours] - Brake 777E (KDP01512)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 4051 hours] - Brake 777E (KDP01512)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Brake 777E (KDP01512)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Brake 777E (KDP01512)

Code	Description
No Active Event Codes	

Configuration - Brake 777E (KDP01512)

Description	Value	Unit
Product ID	KDP01512	
Equipment ID	KDP01512	
Desired Engine Retard Speed	1938	rpm
Auto Retarder Control System Installation Status	Installed	
Traction Control System Installation Status	Not Installed	
Automatic Traction Control Enable Status	Disabled	
Oil Cooled Front Brake Installation Status	Not Installed	
Total Tattletale	0	

Counters - Brake 777E (KDP01512)

Description	Value
Retarder Control Valve Cycles	1136000
Retarder Supply Valve Cycles	17750

Monitor 777E (KDP01512)

Parameter	Value
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Product ID	KDP01512
Equipment ID	KDP01512
ECM Part Number	2848905-03
ECM Serial Number	0089B114HX
Software Group Part Number	5624698-00
Software Group Release Date	APR18
Software Group Description	SOHT 777E Retrofit

Logged Diagnostic Codes [Diagnostic Clock = 4051 hours] - Monitor 777E (KDP01512)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 4051 hours] - Monitor 777E (KDP01512)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Monitor 777E (KDP01512)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Monitor 777E (KDP01512)

Code	Description
No Active Event Codes	

Configuration - Monitor 777E (KDP01512)

Description	Value	Unit
Equipment ID	KDP01512	
Product ID	KDP01512	
Information Units Status	Metric	
Display Language Status	English	
Service Mode Enable Code	0	

Indication Display

Parameter	Value
ECM Part Number	4690894-03
ECM Serial Number	0789D077DT
Software Group Part Number	5523605-00
Software Group Release Date	NOV2017
Software Group Description	Indication Display