

# Cat Electronic Technician 2023B v1.1

## Product Status Report

2/11/2023 12:02 PM

### Product Status Report

Parameter	Value
Product ID	VIMSTRUC
Equipment ID	AGC02249
Comments	

### Transmission 777 (\*XMSN\*)

Parameter	Value
Equipment ID	AGC02249
Transmission Serial Number	*XMSN*
ECM Part Number	1729387-03
ECM Serial Number	2625B033DJ
Software Group Part Number	2840604-00
Software Group Release Date	OCT05
Software Group Description	777D (AGC1-up)

### Logged Diagnostic Codes [Diagnostic Clock = 32407 hours] - Transmission 777 (\*XMSN\*)

Code	Description	Occ.	First	Last
269- 1	Sensor Power Supply : Low	1	32406	32406
248- 9	Cat Data Link not communicating	96	31699	32401
590- 9	Engine Control Module : Abnormal Update Rate	94	31699	32401
562- 9	Caterpillar Monitor System : Abnormal Update Rate	4	32383	32390
967- 9	Machine Application : Abnormal Update Rate	6	32383	32390

### Logged Event Codes [Diagnostic Clock = 32407 hours] - Transmission 777 (\*XMSN\*)

Code	Description	Occ.	First	Last
E047 (1)	Transmission Abuse Warning	127	27755	32389
E392 (2)	Downshift Suspended	1	29886	29886
E049 (1)	Coasting in Neutral Warning	1	29100	29100

### Active Diagnostic Codes - Transmission 777 (\*XMSN\*)

Code	Description
No Active Diagnostic Codes	

### Configuration - Transmission 777 (\*XMSN\*)

Description	Value	Unit
Equipment ID	AGC02249	

Product ID	VIMSTRUC	
Transmission Serial Number	*XMSN*	
Transmission Maximum Forward Gear	7	
Machine Overload Speed Limit Enable Status	Off	
Machine Speed Limit	52	km/h
Economy Mode	Unavailable	
Machine Speed Correction Factor	2.0000	%
Machine Lockout System Installation Status	Not Installed	
Hoist System Enable Status	Enabled	
Hoist Lower Valve Adjustment Status	-4	
Body Up Gear Limit	1	
Engine Oil Renewal System Installation Status	Not Installed	
Engine Oil Renewal System Enable Status	Disabled	
Total Tattletale	529	
Sound Reduction	Disabled	

**Shift Count Matrix [Transmission Shift Counts Start Time = 3 hours, Diagnostic Clock = 32407 hours] - Transmission 777 (\*XMSN\*)**

To	N1	N2	R	1	2	3	4	5	6	7
From										
N1	---	16	68683	377746	78	32	20	4	0	0
N2	15	---	37	2	0	0	0	0	0	0
R	251368	20	---	27384	3	0	0	0	0	0
1	195149	19	210028	---	473863	39	3	0	0	0
2	33	0	27	470354	---	515565	4	0	0	0
3	6	0	1	2953	511375	---	489030	29	0	0
4	3	0	0	507	489	487544	---	409989	0	0
5	0	0	0	152	166	189	409452	---	237809	0
6	1	0	0	4	10	23	24	237746	---	34497
7	1	0	0	0	0	0	0	1	34496	---

**Counters - Transmission 777 (\*XMSN\*)**

Description	Value
Lockup Clutch Count	4750724
Load Count	93961
Total Load Count	108999

**3508B 777 (2GR06703)**

Parameter	Value
Equipment ID	AGC02249
Engine Serial Number	2GR06703
ECM Serial Number	2795B167CD
Personality Module Part Number	2812879-00
Personality Module Release Date	Aug05
Personality Module Description	777D 3508

**Logged Diagnostic Codes [Diagnostic Clock = 32302 hours] - 3508B 777 (2GR06703)**

Code	Description	Occ.	First	Last
296- 9	Transmission Control : Abnormal Update Rate	26	32278	32285
562- 9	Caterpillar Monitor System : Abnormal Update Rate	28	32278	32285

**Logged Event Codes [Diagnostic Clock = 32302 hours] - 3508B 777 (2GR06703)**

Code	Description	Occ.	First	Last
E038	Low Engine Coolant Temperature Warning	255	23	32277
E190	Engine Overspeed Warning	255	41	32256
E272	Inlet Air Restriction Warning	78	12304	31309
E035	Loss of Coolant Flow Warning	1	29888	29888
E073	High Oil Filter Differential Pressure	34	25541	29361
E279	High Aftercooler Temperature Warning	12	21179	24179
E017	High Engine Coolant Temperature Warning	4	21186	24147
E021	High Exhaust Temperature Derate	1	2080	2080

**Active Diagnostic Codes - 3508B 777 (2GR06703)**

Code	Description
No Active Diagnostic Codes	

**Current Totals - 3508B 777 (2GR06703)**

Description	Value	Unit
Total Time	32302	hours
Total Fuel	1784668	L

**Configuration - 3508B 777 (2GR06703)**

Description	Value	Unit
Rating Number	2	
Rated Power	746 kW at 1750 rpm	
Rated Peak Torque	4884 N-m at 1300 rpm	
Top Engine Speed Range	1937 - 1937 rpm	
Test Spec	0K-6340	
Equipment ID	AGC02249	
Engine Serial Number	2GR06703	
Fuel Ratio Control Offset	0	
ECM Serial Number	2795B167CD	
Personality Module Part Number	2812879-00	
Personality Module Release Date	Aug05	
Personality Module Description	777D 3508	
FLS	-5	
FTS	5	
Engine Fan Control	Off	
Top Engine Fan Speed	Unavailable	rpm
Ether Control	Enabled	
Oil Renewal Rate	Unavailable	

Oil Renewal Control	Disabled	
Shutter Control	Disabled	
Engine Pre-Lube	Disabled	
Cold Cylinder Cutout	Enabled	
Throttle Pedal Configuration	10% to 90% Throttle	
Total Tattletale	13	

### Injector Codes Calibration - 3508B 777 (2GR06703)

Injector	Code
Injector 1	1325
Injector 2	7825
Injector 3	4627
Injector 4	4857
Injector 5	4512
Injector 6	6505
Injector 7	2647
Injector 8	5312

### Brake 777 (Unavailable)

Parameter	Value
Equipment ID	AGC02249
ECM Part Number	1729387-03
ECM Serial Number	2625B148DJ
Software Group Part Number	1995079-00
Software Group Release Date	MAR01
Software Group Description	777D (AGC1-up)

### Logged Diagnostic Codes [Diagnostic Clock = 32406 hours] - Brake 777 (Unavailable)

Code	Description	Occ.	First	Last
168- 1	Electrical System Voltage : Low	83	31600	32400
248- 9	Cat Data Link not communicating	127	31560	32400
590- 9	Engine Control Module : Abnormal Update Rate	127	32139	32400
296- 9	Transmission Control : Abnormal Update Rate	33	32382	32389
967- 9	Machine Application : Abnormal Update Rate	6	32382	32389
269- 1	Sensor Power Supply : Low	1	32365	32365

### Logged Event Codes [Diagnostic Clock = 32406 hours] - Brake 777 (Unavailable)

Code	Description	Occ.	First	Last
No Logged Event Codes				

### Active Diagnostic Codes - Brake 777 (Unavailable)

Code	Description
No Active Diagnostic Codes	

### Configuration - Brake 777 (Unavailable)

Description	Value	Unit
Equipment ID	AGC02249	

Desired Engine Retard Speed	1949	rpm
Total Tattletale	2	

**Counters - Brake 777 (Unavailable)**

Description	Value
Retarder Control Valve Cycles	45175000
Retarder Supply Valve Cycles	544010

**Cat Monitor System 777**

Parameter	Value
ECM Part Number	1606567-02
Software Group Part Number	2487523-00
Software Group Release Date	NOV03
Mon Sys Harness Code	57

**Logged Diagnostic Codes [Diagnostic Clock = 32779 hours] - Cat Monitor System 777**

Code	Description	Occ.	First	Last
248- 2	Invalid Cat Data Link data	53	32078	32765

**Active Diagnostic Codes - Cat Monitor System 777**

Code	Description
No Active Diagnostic Codes	

**Current Totals - Cat Monitor System 777**

Description	Value	Unit
Total Operating Hours	32779	hours
Total Distance	348646.00	km