

smartctl -a /dev/sda  
smartctl 5.40 2010-07-12 r3124 [x86\_64-unknown-linux-gnu] (local build)  
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==== START OF INFORMATION SECTION ====

Model Family: Maxtor DiamondMax 10 family (ATA/133 and SATA/150)  
Device Model: Maxtor 6L080L0  
Serial Number: L2211LNH  
Firmware Version: BAJ41G20  
User Capacity: 81,964,302,336 bytes  
Device is: In smartctl database [for details use: -P show]  
ATA Version is: 7  
ATA Standard is: ATA/ATAPI-7 T13 1532D revision 0  
Local Time is: Fri Dec 9 14:57:00 2011 CET  
SMART support is: Available - device has SMART capability.  
SMART support is: Enabled

==== START OF READ SMART DATA SECTION ====

SMART overall-health self-assessment test result: PASSED

General SMART Values:

Offline data collection status: (0x82) Offline data collection activity  
was completed without error.  
Auto Offline Data Collection: Enabled.  
Self-test execution status: ( 0) The previous self-test routine completed  
without error or no self-test has ever  
been run.  
Total time to complete Offline  
data collection: ( 841) seconds.  
Offline data collection  
capabilities: (0x5b) SMART execute Offline immediate.  
Auto Offline data collection on/off support.  
Suspend Offline collection upon new  
command.  
Offline surface scan supported.  
Self-test supported.  
No Conveyance Self-test supported.  
Selective Self-test supported.  
SMART capabilities: (0x0003) Saves SMART data before entering  
power-saving mode.  
Supports SMART auto save timer.  
Error logging capability: (0x01) Error logging supported.  
General Purpose Logging supported.  
Short self-test routine  
recommended polling time: ( 2) minutes.  
Extended self-test routine  
recommended polling time: ( 37) minutes.  
SCT capabilities: (0x0021) SCT Status supported.  
SCT Data Table supported.

SMART Attributes Data Structure revision number: 16

Vendor Specific SMART Attributes with Thresholds:

ID#	ATTRIBUTE_NAME	FLAG	VALUE	WORST	THRESH	TYPE	UPDATED
WHEN_FAILED RAW_VALUE							
3	Spin_Up_Time	0x0027	226	226	063	Pre-fail Always -	5562
4	Start_Stop_Count	0x0032	253	253	000	Old_age Always -	450
5	Reallocated_Sector_Ct	0x0033	253	253	063	Pre-fail Always -	3
6	Read_Channel_Margin	0x0001	253	253	100	Pre-fail Offline -	0
7	Seek_Error_Rate	0x000a	253	252	000	Old_age Always -	0
8	Seek_Time_Performance	0x0027	251	244	187	Pre-fail Always -	50606
9	Power_On_Minutes	0x0032	251	251	000	Old_age Always -	991h+44m
10	Spin_Retry_Count	0x002b	253	252	157	Pre-fail Always -	0
11	Calibration_Retry_Count	0x002b	253	252	223	Pre-fail Always -	0
12	Power_Cycle_Count	0x0032	251	251	000	Old_age Always -	835
192	Power-Off_Retract_Count	0x0032	253	253	000	Old_age Always -	0
193	Load_Cycle_Count	0x0032	253	253	000	Old_age Always -	0
194	Temperature_Celsius	0x0032	037	253	000	Old_age Always -	23
195	Hardware_ECC_Recovered	0x000a	253	252	000	Old_age Always -	621
196	Reallocated_Event_Count	0x0008	253	253	000	Old_age Offline -	0
197	Current_Pending_Sector	0x0008	253	253	000	Old_age Offline -	0
198	Offline_Uncorrectable	0x0008	253	253	000	Old_age Offline -	0
199	UDMA_CRC_Error_Count	0x0008	198	194	000	Old_age Offline -	6
200	Multi_Zone_Error_Rate	0x000a	253	252	000	Old_age Always -	0
201	Soft_Read_Error_Rate	0x000a	253	251	000	Old_age Always -	0
202	Data_Address_Mark_Errs	0x000a	253	252	000	Old_age Always -	0
203	Run_Out_Cancel	0x000b	253	252	180	Pre-fail Always -	0
204	Soft_ECC_Correction	0x000a	253	252	000	Old_age Always -	0
205	Thermal_Asp erity_Rate	0x000a	253	252	000	Old_age Always -	0
207	Spin_High_Current	0x002a	253	252	000	Old_age Always -	0
208	Spin_Buzz	0x002a	253	252	000	Old_age Always -	0
209	Offline_Seek_Performnce	0x0024	238	238	000	Old_age Offline -	180
210	Unknown_Attribute	0x0032	253	252	000	Old_age Always -	0
211	Unknown_Attribute	0x0032	253	243	000	Old_age Always -	0
212	Unknown_Attribute	0x0032	253	252	000	Old_age Always -	0

SMART Error Log Version: 1

ATA Error Count: 2079 (device log contains only the most recent five errors)

CR = Command Register [HEX]

FR = Features Register [HEX]

SC = Sector Count Register [HEX]

SN = Sector Number Register [HEX]

CL = Cylinder Low Register [HEX]

CH = Cylinder High Register [HEX]

DH = Device/Head Register [HEX]

DC = Device Command Register [HEX]

ER = Error register [HEX]

ST = Status register [HEX]

Powered\_Up\_Time is measured from power on, and printed as DDd+hh:mm:SS.sss where DD=days, hh=hours, mm=minutes, SS=sec, and sss=millisec. It "wraps" after 49.710 days.

Error 2079 occurred at disk power-on lifetime: 911 hours (37 days + 23 hours)  
When the command that caused the error occurred, the device was in an unknown state.

After command completion occurred, registers were:

ER ST SC SN CL CH DH

-----

40 51 08 4c 62 ec e0 Error: UNC 8 sectors at LBA = 0x00ec624c = 15491660

Commands leading to the command that caused the error were:

CR FR SC SN CL CH DH DC Powered\_Up\_Time Command/Feature\_Name

-----

c8 03 08 47 62 ec e0 00	00:43:37.945	READ DMA
c8 03 08 47 62 ec e0 00	00:43:36.423	READ DMA
c8 03 08 47 62 ec e0 00	00:43:34.889	READ DMA
c8 03 08 47 62 ec e0 00	00:43:33.355	READ DMA
c8 03 08 47 62 ec e0 00	00:43:31.821	READ DMA

Error 2078 occurred at disk power-on lifetime: 911 hours (37 days + 23 hours)  
When the command that caused the error occurred, the device was in an unknown state.

After command completion occurred, registers were:

ER ST SC SN CL CH DH

-----

40 51 08 4c 62 ec e0 Error: UNC 8 sectors at LBA = 0x00ec624c = 15491660

Commands leading to the command that caused the error were:

CR FR SC SN CL CH DH DC Powered\_Up\_Time Command/Feature\_Name

-----

c8 03 08 47 62 ec e0 00	00:43:36.423	READ DMA
c8 03 08 47 62 ec e0 00	00:43:34.889	READ DMA
c8 03 08 47 62 ec e0 00	00:43:33.355	READ DMA
c8 03 08 47 62 ec e0 00	00:43:31.821	READ DMA
c8 03 08 47 62 ec e0 00	00:43:30.287	READ DMA

Error 2077 occurred at disk power-on lifetime: 911 hours (37 days + 23 hours)  
When the command that caused the error occurred, the device was in an unknown state.

After command completion occurred, registers were:

ER ST SC SN CL CH DH

-----

40 51 08 4c 62 ec e0 Error: UNC 8 sectors at LBA = 0x00ec624c = 15491660

Commands leading to the command that caused the error were:

CR FR SC SN CL CH DH DC Powered\_Up\_Time Command/Feature\_Name

-----

c8 03 08 47 62 ec e0 00	00:43:34.889	READ DMA
c8 03 08 47 62 ec e0 00	00:43:33.355	READ DMA
c8 03 08 47 62 ec e0 00	00:43:31.821	READ DMA
c8 03 08 47 62 ec e0 00	00:43:30.287	READ DMA

c8 03 08 47 62 ec e0 00 00:43:28.757 READ DMA

Error 2076 occurred at disk power-on lifetime: 911 hours (37 days + 23 hours)  
When the command that caused the error occurred, the device was in an unknown state.

After command completion occurred, registers were:  
ER ST SC SN CL CH DH

-- -- -- -- --  
40 51 08 4c 62 ec e0 Error: UNC 8 sectors at LBA = 0x00ec624c = 15491660

Commands leading to the command that caused the error were:  
CR FR SC SN CL CH DH DC Powered\_Up\_Time Command/Feature\_Name

-- -- -- -- --  
c8 03 08 47 62 ec e0 00 00:43:33.355 READ DMA  
c8 03 08 47 62 ec e0 00 00:43:31.821 READ DMA  
c8 03 08 47 62 ec e0 00 00:43:30.287 READ DMA  
c8 03 08 47 62 ec e0 00 00:43:28.757 READ DMA  
c8 03 08 47 62 ec e0 00 00:43:27.223 READ DMA

SMART Self-test log structure revision number 1  
No self-tests have been logged. [To run self-tests, use: smartctl -t]

SMART Selective self-test log data structure revision number 1  
SPAN MIN\_LBA MAX\_LBA CURRENT\_TEST\_STATUS

1	0	0	Not_testing
2	0	0	Not_testing
3	0	0	Not_testing
4	0	0	Not_testing
5	0	0	Not_testing

Selective self-test flags (0x0):

After scanning selected spans, do NOT read-scan remainder of disk.  
If Selective self-test is pending on power-up, resume after 0 minute delay.