

Test by IBM Magyarország Kft. on Lenovo notebook battery

We received great news in 2010.04. IBM has tested one of our company's notebook's battery on 2010.04. Of course we had applied our AkkuFresh® Next Generation™ battery life foil on an IBM Lenovo notebook battery since the beginning of the use of this notebook which is more than 3 years old. The test shows that the battery has the same condition as 3 years ago! It means that AkkuFresh® holds the batteries condition on the original capacity. IBM says that they have never seen this before!

The person from IBM Hungary who did the test on the battery did say that there is no problem to send us the result.

Before he had sent this test result to us he had talk with the service manager who had called us and inform me that IBM service can't provide the printed test result without he talk with the IBM communication department and Lenovo Hungary.

We had talk with the Lenovo Hungary where the person informed us that they can't assist on this because he can't control or instruct IBM service what to do. He said that this is the way with big corporations.

Finally I was put the two person (IBM & Lenovo) on the 3 way call and ask IBM Hungary service manager to send me the document. After a day I had received the following e-mail: As you can see the letter from IBM/Lenovo Hungary's Service Manager was quoted the original information shared with our company on the phone very carefully: "...or specialist technician has run the routine diagnostic test on the notebook we received. After the evaluation of the test he surprisingly and unquestionably discovered that the values of these battery were better than he had expected."

We was disappointed because we had requested a more detailed test results. Technician who had carried out test had told us on the phone that he's company IBM Hungary was afraid that the American headquarter will do something after they issue the type of detailed test results. Don't forget that we are talking about one of the biggest computer manufacture on the world.

Some information about the battery R&D:



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IBM Invests in Battery Research By Katherine Bourzac on June 11, 2009

<http://www.technologyreview.com/news/413786/ibm-invests-in-battery-research/>

IBM does not currently have battery research programs in place. However, Narayan says that IBM has the expertise needed to tackle the science problems. In addition to Oak Ridge, IBM will partner with Lawrence Berkeley, Lawrence Livermore, Argonne, and Pacific Northwest national labs. The company and its collaborators are currently working on a proposal for funding from the U.S. Department of Energy under the Advanced Research Projects Agency-Energy.

Research on lithium-metal batteries stalled about 20 years ago. In 1989, Canadian company Moli Energy recalled its rechargeable lithium-metal batteries, which used not air but a more traditional cathode, after one caught fire; the incident led to legal action, and the company declared bankruptcy. Soon after, Sony brought to market the first rechargeable lithium-ion batteries, which were safer, and research on lithium-metal electrodes slowed nearly to a halt. (After restructuring, Moli Energy refocused its research efforts and is now selling lithium-ion batteries under the name MoliceL.) Only a handful of labs around the world, including those at PolyPlus Battery, in Berkeley, CA, Japan's AIST, and St. Andrews University, in Scotland, are currently working on lithium-air batteries.

The effect and performance of AkkuFresh® Next Generation™ depends on several factors: Type of device (mobile phone / notebook / camera / etc.), brand, model – type of battery, age, status (total amount of charging-discharging cycles), external temperature, environmental conditions and cellular network.



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From: Gyula Komlossy
To: sbelso@biokarma.com
Cc: Zoltan Antal; Csaba Izbeki; szilardbiro@lenovo.com
Subject: Fw: write out of test result
Date: 2010. April 8. 13:41:44

Dear Mr. Belső,

I would like to inform you that our colleague didn't make any detailed test on the mentioned battery. However our specialist technician has run a routine diagnostic test on the notebook we received.

After the evaluation of the test, he surprisingly and unquestionably discovered that the values of this battery were better than he had expected. But all of this isn't eligible to write out as an official opinion on this related type of tests on batteries, sorry but we are not available in point of battery condition test.

We recommend that concerning this matter you should get into contact with one of the specialized institute. I confirm that the Lenovo Corporation who has taken over the notebook business line is the one who is entitled to make decisions concerning accessories related to these kinds of products.

Best regards
Gyula Komlossy

TSS Service Delivery Manager

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Alapítva: 1936
IBM Magyarországi Kft. registered in Hungary with number 01-09-060028 by Metropolitan Court as Company Register
Registered office: 1 Neumann János street, Budapest 1117, Hungary
Established: 1936

----- Forwarded by Gyula Komlossy@Hungary/IBM on 2010.04.08 09:22 -----
From: Zoltan Antal@Hungary/IBM
To: Gyula Komlossy@Hungary/IBM@IBM-HU
Date: 2010.04.07 16:34
Subject: Fw: write out of test result

We had received today morning the letter from Szilveszter Belső. I forwarding the letter to you!

Best regards

Antal Zoltán
Services Representative, Intel Team

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Established: 1936

----- Forwarded by Zoltan Antal/Hungary/IBM on 2010.04.07 16:33 -----
From: "Sylvester Belso" <sbello@biokarma.com>
To: <gkomlasi@hu.ibm.com>, Zoltan Antal/Hungary/IBM@IBMHU
Cc: <szilardbiro@lenovo.com>
Date: 2010.04.06 20:21
Subject: write out of test result

TO:
IBM Magyarországi Kft
H-1117 Budapest, Neumann J. u.1
Tel.: (36-1) 382-5500
Fax: (36-1) 382-5501
www.ibm.com/hu

Dear Mr. Gyula Komlósi!

Related to our discussion over the phone today I would like to ask you on behalf of Biokarma Ltd. to send me in written format the test result of our IBM Lenovo T60 notebook's battery (Type 2007-7KG S/N L3 5D9M8.....).

Please put the following information in to the test:

- Name of company who had requested the test
- Data of notebook
- Right type and data of the battery
- Date of manufacture
- Name of test machine / method
- Result of test
- Date of test
- Short summary regarding that the measurable results about the condition of the battery are the same like a new battery.

Please accordingly sum the data and send it to me the draft of the document what we will translate to English than we will send it back to you. After that please print two-two copy on official company paper and sign the documents formally.

Please also send me that how much is to send this test result to me.

With Best Wishes,

Sylvester Belso

Director

Biokarma Ltd.



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<http://www.biokarma.com>

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