

Test Report



Contract No : 09032602B-1-1

Issue Date : May. 05, 2009

Applicant : U-MOUTH ENTERPRISE CO., LTD

Address : NO.553-1, Sec.3 Li-Ming Rd. 407 Taichung. Taiwan.
R.O.C.

Product : Differential

Model No : DG72N

Test Method : IN-house .

Note: (1)The product is supplied by the applicant which has been tested by CHC and the test result is shown in this test report.

(2)This test report is responsible only for the tested product, not for the suit.

(3)This test report has 3 pages which shall not be abstracted and partial copied.

(4)There is only one test report for the applicant.

Approved by :

James Sun

Tested by :

Steven Cheng

FORM NO : RI 20-01

CHC

財團法人自行車暨健康科技工業研究發展中心
Cycling & Health Tech Industry R&D Center

Page 1 of 3

407台中市台中工業區37路17號
17,37Rd.,Taichung Industry Park.
407,Taichung, Taiwan
<http://www.tbnet.org.tw>

TEL : (04)23501100
FAX : (04)23504590
E-MAIL: tbmaster@tbnet.org.tw

財團法人
健康科技
工業研究
發展中心
研發部



1. Test item : Fatigue test .

2. Test standard : IN-house .

3. Test equipment : Rotation tester (D8)

4. Test method :

4.1 The differential be setting to the fixture, as shown in Fig. A .

4.2 The driveshaft was suspended 90 kg at the centre axle .

4.3 Drive the driveshaft at a speed not exceeding 100 min^{-1} for a total of 1,000,000 revolutions. Rotating reverse direction after 500,000 revolutions.

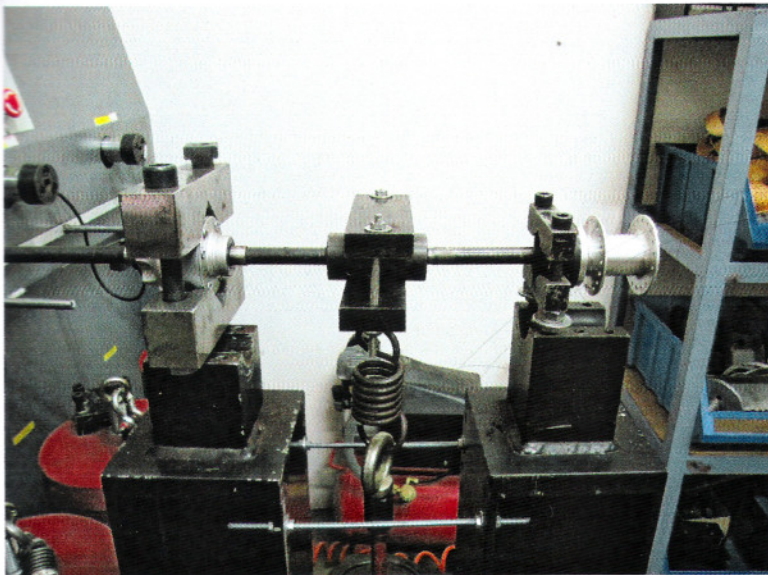


Fig. A Fatigue test

自行車
奇
縫
章

5. Test result :

5.1 Test Sample : As shown in Fig. 1 .



Fig. 1 Test Sample

5.2 After the test condition :

After the test, the differential device rotates smooth and it is not a loss to the function. The strength test is shown in Fig. 2.



Fig. 2 Fatigue test

Null below