



CEQUENT PERFORMANCE PRODUCTS

# TEST REPORT

## 5 TON PINTLE HOOK

FROM [REDACTED]

March 31, 2009  
REPORT DATE

C2040  
TN

BY: Greg Richardson, Test Technician

CONDUCTED BY: Greg Richardson, Test Technician

APPROVED BY: Jacob Belinky, Engineer

63013 Test Report  
Jason Dreger

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**C2040**

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**TEST REPORT**  
**C2040**

**PURPOSE:** Verify that the device(s) and/or systems listed when installed in accordance with the instructions, complies with and meets the specifications and requirements of the test criterion(s).

**TEST**

**MATERIAL:** Part Number: 5 TON PINTLE HOOK (SIMILAR TO 43005)

*Same as 63013*

**TEST**

**CRITERIA:** SAE J847 Rev. Nov '87

**TEST**

**RESULTS:**

Tests were performed with sample mounted to a non-yielding fixture.

| TEST SPECIMEN                                 | STATIC TEST |
|-----------------------------------------------|-------------|
| C2040 5 TON<br>PINTLE HOOK FROM<br>[REDACTED] | PASS        |

**CONCLUSION:** "PASS" declares that the device(s) and/or systems listed when installed in accordance with the instructions, complies with and meets the test criterion(s).



CEQUENT™

TOWING PRODUCTS

C2040

## ENGINEERING TEST REQUEST

E.W.O. / P.C.N.

PART NO. (43005)

SUPPLEMENT NO.

PROTOTYPE NO.

SAMPLE NO. C2040T1

BALL MOUNT NO.

POSITION OF BALL MOUNT:

NA

☒ DRAWINGS INCLUDED

APPLICATION:

(VEHICLE GVWR)

5 Ton Pintle Hook

PURPOSE OF TEST:

Qualify Vendor Supplier

Product is from ~~REDACTED~~

Test rating for 5 Tons

### TEST INSTRUCTIONS:

A: HITCH RATINGS (GTW/TW LBS.)

WT. CARRYING

WT. DISTRIBUTING

HITCH BALL CAPACITY

1-7/8" lbs

BALL DIAMETER: in.

2"

SHANK DIAMETER: in.

2-5/16"

SHANK LENGTH: in.

B: FATIGUE TEST

RAPID SIMULATION WEIGHT CARRYING

☐ PASSENGER VEHICLE

☐ MOMENT BAR WEIGHT DISTRIBUTING 15,000 CYCLES  
(IF APPLICABLE, SEE WORKSHEET, FORM 187)

☐ TRUCK/UTILITY VEHICLE

☐ ACCESSORY

DESIRED

MEAN MOMENT: N/A

IN-LBS @ +/- 30%

C: STATIC TEST

ACCESSORY

### SPECIAL INSTRUCTIONS:

Use Static SAEJ847 Test

TEST REQUESTER:

George Vatsis

DATE:

March 23, 2009

AUTHORIZED BY:

JACOB BELINKY

DATE:

March 30, 2009

TESTED BY:

GREG RICHARDSON

DATE:

March 30, 2009

DATE: 3/30/2009  
PCN

PART #: 43005  
PROTO:  
SAMPLE: C2040

DESCRIPTION: PINTLE HOOK

TEST FIXTURE: NON-YIELDING PINTLE MOUNT

## **S.A.E. J847 (NOV '87)**

### **TRAILER TOW BAR EYE AND PINTLE HOOK/COUPLER PERFORMANCE RING COUPLING APPLICATION TYPE II**

RATING = 10,000 LBS. T.T.V.W.(Total Towed Vehicle Weight)

APPLIED TENSILE LOAD = 12540 LBS. @ 23.5 DEGREES(DOWNWARD)

### **STATIC TEST RESULTS**

| PART NUMBER             | PASS / FAIL | LOAD REACHED       |
|-------------------------|-------------|--------------------|
| (43005) SAMPLE<br>C2040 | <b>PASS</b> | <b>12,540 lbs.</b> |

NOTE: NO VISIBLE DEGRADATION OF SAMPLE FOUND UPON TEST COMPLETION.  
UNIT IS TESTED WITH SUPPLIED BOLTS MARKED AS GRADE 8 AND TORQUED TO 110 FT LB  
BOLT HEAD SIZE IS 19mm AND NUT SIZE IS 18mm

TESTED BY: GREG RICHARDSON

DATE: 3/30/2009

APPROVED BY: JACOB BELINKY

DATE: 3/30/2009



