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Date: DECEMBER 30, 2020

Customer:
Lifesaving Systems Corp.
220 Elsberry Rd
Apollo Beach, FL 33572 US

Attn: Thomas Beach

Purchase Order Number: 4115

A. TEST: Component Fatigue Testing

B. TEST ITEMS: V- Rings
(See page 2 for items identification)

C. SPECIFICATIONS: Customer email dated November 02, 2020

D. RESULTS:
This is to certify that the V-Rings was subjected to the component fatigue testing according to the above specifications.

See Page 2 for Procedure and Summary of Test Results. The provided sample was returned to Lifesaving Systems Corp for post-tests and final evaluation.

Test data, an equipment list, and photographs are attached.

Mary Beth Creech, Preparer	Mary Beth Creech, Department Manager	Stacey Jacobson, Quality Management Rep.

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TEST ITEM IDENTIFICATION

Quantity	Part Number	Serial Numbers
1	487-13F	1
1	487-13C	2
1	487-13S	3
1	384-S	4

SUMMARY OF TEST RESULTS

Component Fatigue Testing

Upon receipt, the parts and fixture were visually inspected prior to testing. There were no signs of visual damage and the test samples were ready for testing.

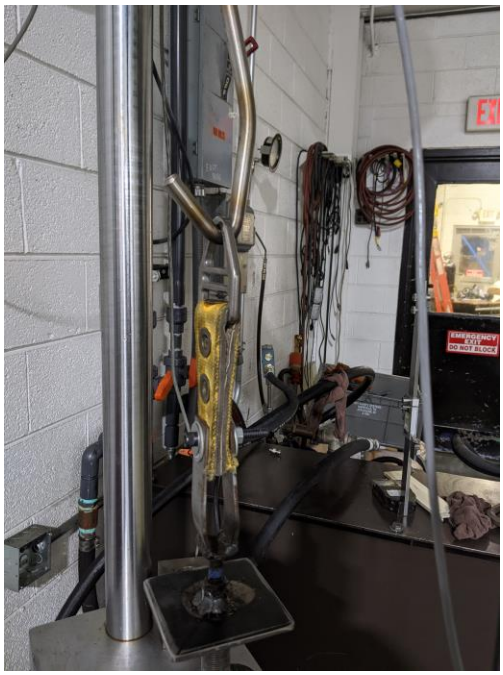
A hydraulic load frame with a linear actuator and a load cell were adapted to attach to the V-rings at the locations indicated by Lifesaving Systems Corp. The samples were fatigued from 10lbs to 450lbs of load at 1 Hz for 50,000 cycles at ambient room temperature.

A visual inspection following the completion of fatigue testing revealed that the samples sustained no apparent visible damage.

Representative Test Photo



487-13F



487-13C

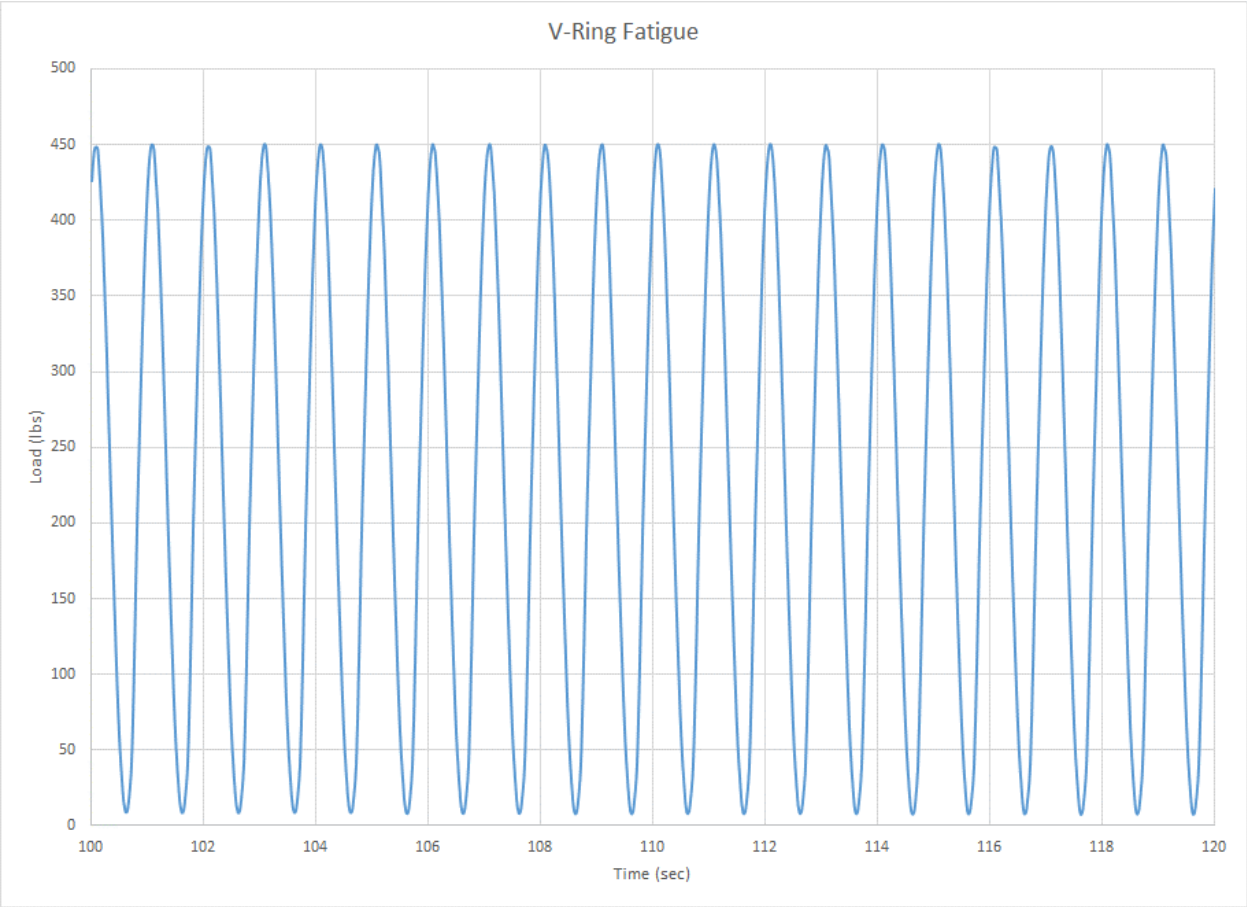


487-13S



384-S

Representative Fatigue Data



EQUIPMENT LIST

Asset Number	Manufacturer	Description	Cal Due
WC008451	MTS	Controller	3/22/21
WC039974	Dell	Computer	NCR
WC007738	MTS	Load Frame	1/15/21
WC007671	Lebow	Load Cell	9/7/21

NCR = No Calibration Required; IND = Indication Only; PTU = Calibrate Prior to Use

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