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11Vv-418
(2 pages)

BY FACSIMILE: 202-366-7882

August 8, 2011

Mr. Dan Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

RE: Terex South Dakota, Inc. Aerial Device

Dear Mr. Smith:

In the enclosed Defect Information Report, Terex South Dakota, Inc. is notifying your office of its determination that a safety related defect exists in certain Utility Trucks manufactured by Terex South Dakota, Inc. This letter also includes a draft owner notification letter for review and approval by your staff.

A representative copy of campaign bulletin SN597 is also enclosed, in compliance with Section 573.6 (c) (9).

If you need any additional information, please contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jim Olson'.

Jim Olson
Product and Safety Engineer
Terex South Dakota, Inc.
jim.olson@terex.com

Enclosures:
Defect Information Report, SN597
Owners Letter, SN597
Representative Envelope
SN597



DEFECT INFORMATION REPORT

1. Manufacturer's name/address: Terex South Dakota, Inc., 500 Oakwood Road, Watertown, SD 57201 is the equipment manufacturer.

2. Equipment involved in this defect notification: HR37M and HR40M Aerial Devices manufactured from November 2000 through December, 2001 by Terex South Dakota, Inc may contain a lower boom lift cylinder with defective components. The aerial device is installed on trucks used to elevate personnel to facilitate working on overhead utility lines while parked in work area.

3. Total number of vehicles or items of equipment: 109 units may be involved.

4. Approximate percentage of vehicles or equipment estimated to actually contain the defect: It is estimated that 20% of the cylinders made by this manufacturer may contain parts that are not to specification based on samples analyzed.

5. Description of the defect: The lower boom lift cylinder rod end may be made with incorrect material. The cylinders involved have a serial number of D or W followed by 5 or 7 numbers.

6. Chronological summary of events leading to this determination: A report of a broken cylinder was received on 3/28/11. The manufacturer of the cylinder was contacted on 3/31/11 for the material properties. The broken part was analyzed and determined to be different than specified. Additional cylinders from this manufacturer were removed and analyzed. Cracks were detected in two other cylinders.

7. The determination of existence of problem: A report was received that a unit had broken the rod end. Examination determined the material was not to specification.

8. Description of proposed remedy: The rod end will be visually inspected for cracks. If no cracks are detected the rod end will also be inspected by performing a hardness test. Rod assemblies will be replaced that do not meet requirements.

9. Program for remedy campaign (including program for reimbursing any consumer who obtained the remedy at his/her own expense within one year of the opening of the EA, or within one year of this 573 report, whichever is earlier): Inapplicable; replacement parts will be covered under warranty.

10 The manufacturer's campaign number: SN597.