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11V-542
(2 pages)

November 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 SN598 is also enclosed, in compliance with Section 573.6 (c) (9).

If you need any additional information, please contact me.

Sincerely,

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

Enclosures:

Defect Information Report, SN598
Owners Letter, SN598
Representative Envelope
SN598



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:** XT55 series Aerial Devices manufactured from 1997 through December, 2009 by Terex South Dakota, Inc may have cracks in the lower boom pivot area. The aerial device is installed on trucks used to elevate personnel to trim trees and for utility work while parked in work area.
- 3. Total number of vehicles or items of equipment:** 5123 units may be affected.
- 4. Approximate percentage of vehicles or equipment estimated to actually contain the defect:** Approximately 5% of the potentially affected XT55 aerials may have the defect..
- 5. Description of the defect:** Cracks can develop around the Lower Boom hinge pin boss at the turntable. The cracks can progress into failure of the part if not detected during the annual inspections.
- 6. Chronological summary of events leading to this determination:** A recall, CB591, to inspect XT60 units was issued in February, 2010. At that time only owners of XT60 models had reported cracks. Since then other XT55 series have reported cracks.
- 7. The determination of existence of problem:** XT55 owners have reported cracks in the lower boom pivot area.
- 8. Description of proposed remedy:** The area indicated in the Safety Notice must be visually inspected for cracks by the owners. If no cracks are detected the unit may continue to be used with regular required inspections as described in the manuals. If cracks are detected the area will be repaired.
- 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):** Daily and annual inspections are an ownership responsibility. Repairs will be covered under warranty.
- 10 The manufacturer's campaign number:** SN598.