



UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

DIVISION OF
CORPORATION FINANCE

September 26, 2012

Via E-mail

James B. Buda
Executive Vice President, Law and Public Policy
Caterpillar Inc.
100 NE Adams Street
Peoria, Illinois 61629-7310

**Re: Caterpillar Inc.
Registration Statement on Form S-4
Filed September 7, 2012
File No. 333-183774**

Dear Mr. Buda:

We have limited our review of your registration statement to those issues we have addressed in our comment. Please respond to this letter by providing the requested information. If you do not believe our comment applies to your facts and circumstances, please tell us why in your response. After reviewing the information you provide in response to the comment, we may have additional comments.

The Exchange Offer, page 14

1. We note that you are registering the exchange of the debentures in reliance on our position enunciated in *Exxon Capital Holdings Corp.*, SEC No-Action Letter (April 13, 1988). See also *Morgan Stanley & Co. Inc.*, SEC No-Action Letter (June 5, 1991) and *Shearman & Sterling*, SEC No-Action Letter (July 2, 1993). Accordingly, please provide us with a supplemental letter stating that you are registering the exchange offer in reliance on our position contained in these letters and include the representations contained in the Morgan Stanley and Shearman & Sterling no-action letters.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Act of 1933 and all applicable Securities Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

Notwithstanding our comments, in the event you request acceleration of the effective date of the pending registration statement please provide a written statement from the company acknowledging that:

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- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Please refer to Rules 460 and 461 regarding requests for acceleration. We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Tom Jones at (202) 551-3602 or Geoffrey Kruczek, Senior Attorney, at (202) 551-3641 with any questions.

Sincerely,

/s/ Geoffrey Kruczek for

Russell Mancuso
Branch Chief

cc (via e-mail): Paul L. Choi, Esq.