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(71) Applicant: **ETHYL CORPORATION**  
**Richmond, Virginia 23219-4304 (US)**

(72) Inventor: **Srinivasan, Sanjay**  
**Midlothian, Virginia 23113 (US)**

(74) Representative: **Colmer, Stephen Gary et al**  
**Mathys & Squire**  
**100 Gray's Inn Road**  
**London WC1X 8AL (GB)**

(54) **Automatic transmission lubricant composition with improved anti-wear properties**

(57) Automatic transmission fluids are described which contain at least 0.05 weight percent of a dialkyl thiadiazole and sulfurized fat, sulfurized fatty acid, sulfurized fatty acid ester, up to about 0.15 weight % of a metal-containing detergent, and/or a mixture thereof.

The transmission fluids according to the present invention exhibit improved anti-wear and extreme pressure performance.

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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 25 March 2003	Examiner Perakis, N
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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