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(71) Applicant: **Texaco Development Corporation
San Ramon, CA 94583-2324 (US)**

(72) Inventors:
• **Thiel, Yvonne C.
Carmel, New York 10512 (US)**

• **Leisenring, Roger L.
Hopewell Junction, New York 12533 (US)**
• **Hayden, Thomas E.
Wappingers Falls, New York 12590 (US)**
• **Kohl, Kevin M.
The Woodlands, Texas 77381 (US)**

(74) Representative: **Nash, David Allan
HASELTINE LAKE,
Redcliff Quay
120 Redcliff Street
Bristol BS1 6HU (GB)**

(54) **Lubricating oil compositions and methods for improving fuel economy in an internal combustion engine using same**

(57) A lubricating oil composition is provided which comprises (a) an oil of lubricating viscosity having a kinematic viscosity of about 2 to 10.5 cSt at 100°C and (b) a friction modifying effective amount of an ashless friction modifier comprising a reaction product of a C₄ to about C₇₅ fatty acid ester and an alkanolamine. Particularly preferred is a lubricating oil composition comprising (a) an oil of lubricating viscosity having a kinematic viscosity of about 2 to 10.5 cSt at 100°C and comprising about 55 to about 85 weight percent of a first lubricating

oil, and about 15 to about 45 weight percent of a second lubricating oil wherein the kinematic viscosity of the second lubricating oil is lower than the kinematic viscosity of the first lubricating oil at 100°C; and (b) about 0.5 to about 5.0 weight percent, based on the total weight of the lubricating oil composition, of an ashless friction modifier comprising a reaction product of a C₄ to about C₇₅ fatty acid ester and an alkanolamine.

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EUROPEAN SEARCH REPORT

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EP 04 25 1795

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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 26 April 2005	Examiner Dötterl, E
<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 & : member of the same patent family, corresponding document</p>			

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