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(71) Applicant (for all designated States except US):  
**CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger  
Canyon Road, Building T, 3rd Floor, San Ramon, CA  
94583 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MILLER, Stephen**  
[US/US]; 540-45th Avenue, San Francisco, CA 94121  
(US).

(74) Agents: **ZAVELL, A., Stephen** et al.; Chevrontexaco Cor-  
poration, Law Department, Post Office Box 6006, San Ra-  
mon, CA 94583-0806 (US).

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(54) Title: PROCESS FOR IMPROVING THE LUBRICATING PROPERTIES OF BASE OILS USING A FISCHER-TROPSCH  
DERIVED BOTTOMS

(57) Abstract: A method for improving the lubricating properties of a distillate base oil characterized by a pour point of 0 degrees C or less and a boiling range having the 10 percent point falling between about 625 degrees F and about 790 degrees F and the 90 percent point falling between about 725 degrees F and about 950 degrees F, the method comprises blending with said distillate base oil a sufficient amount of a pour point depressing base oil blending component to reduce the pour point of the resulting base oil blend at least 3 degrees C below the pour point of the distillate base oil, wherein the pour point depressing base oil blending component is an isomerized Fischer-Tropsch derived bottoms product having a pour point that is at least 3 degrees C higher than the pour point of the distillate base oil.

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<p>A. CLASSIFICATION OF SUBJECT MATTER                  IPC(7) : C10M 101/02, 171/02; C10G 73/38, 49/00                  US CL : 585/1; 208/19, 950                  According to International Patent Classification (IPC) or to both national classification and IPC</p>												
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols)                  U.S. : 585/1; 208/19, 950</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                  Please See Continuation Sheet</p>												
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X, P</td> <td>US 2004/0065588 A1 (GENETTI et al) 08 April 2004 (08.04.2004), see paragraphs [0017], [0023], [0028], and [0029].</td> <td>1-57</td> </tr> <tr> <td>A</td> <td>WO 01/57166 A1 (MOBIL OIL CORP.) 09 August 2001 (09.08.2001).</td> <td>1-57</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X, P	US 2004/0065588 A1 (GENETTI et al) 08 April 2004 (08.04.2004), see paragraphs [0017], [0023], [0028], and [0029].	1-57	A	WO 01/57166 A1 (MOBIL OIL CORP.) 09 August 2001 (09.08.2001).	1-57	
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<p>Name and mailing address of the ISA/US                  Mail Stop PCT, Attn: ISA/US                  Commissioner for Patents                  P.O. Box 1450                  Alexandria, Virginia 22313-1450                  Facsimile No. (703) 305-3230</p>		<p>Authorized officer                  Walter D. Griffin                  Telephone No. 571-272-1700</p> <p><i>J. W. Griffin</i> For</p>										