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(54) **A low-phosphorus lubricating oil composition for extended drain intervals**

(57) The present invention is directed to a lubricating oil composition comprising a major amount of a base oil of lubricating viscosity and a minor amount of each of the following:

- a) from about 3.0 to about 7.0 weight percent of an ethylene carbonated-treated ashless dispersant;  
b) from about 2.0 to about 5.0 weight percent of a borated-treated ashless dispersant;

wherein the weight ratio of a) to b) is about 0.3 to about 0.5;

c) from about 1.0 to about 3.0 weight percent of a high overbased metal-containing detergent;

d) from about 0.1 to about 2.0 weight percent of a phosphorus-containing compound;

wherein the weight percent of total phosphorus in the lubricating oil composition is no more than 0.08 weight percent based on the total weight of the lubricating oil composition.

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## EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                               |                                                     |                                            |
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| Place of search<br>Munich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                               | Date of completion of the search<br>30 October 2007 | Examiner<br>Pöllmann, Klaus                |
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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