

LUBRICATING COMPOSITIONS FOR A HYBRID ENGINE

ABSTRACT

The present disclosure relates to methods for improving phosphorus retention and
5 improving antiwear performance in an internal combustion engine of a hybrid vehicle, comprising
lubricating the internal combustion engine of the hybrid vehicle with a lubricating oil composition
comprising: greater than 50 wt.% of a base oil of lubricating viscosity; and an amount of one or
more zinc dialkyl dithiophosphate compound(s) sufficient to provide: from about 100 ppmw
phosphorus to about 1000 ppmw phosphorus, based on a total weight of the lubricating oil
10 composition; and from about 10 ppmw zinc to about 1200 ppmw zinc, based on the total weight of
the lubricating oil composition.

[No Available Figure]