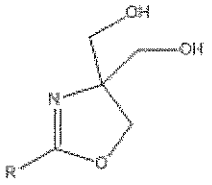
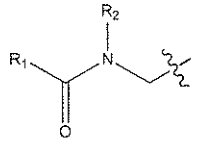
ABSTRACT OF THE DISCLOSURE

A lubricating oil comprises a major amount of a base oil and a minor amount of an additive package, and the additive package comprises at least one friction modifier of formula I:



(I)

where R is a linear or branched, saturated, unsaturated, or partially saturated hydrocarbyl having about 8 to about 22 carbon atoms or R is represented by:



and R_1 is a linear or branched, saturated, unsaturated, or partially saturated hydrocarbyl having about 8 to about 22 carbon atoms and R_2 is hydrogen or a hydrocarbyl having about 1 to about 2 carbon atoms. Methods of using the lubricating oil to improve thin film and/or boundary layer friction in an engine are also disclosed.