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(54) Title: ASHLESS ADDITIVE COMPOSITION

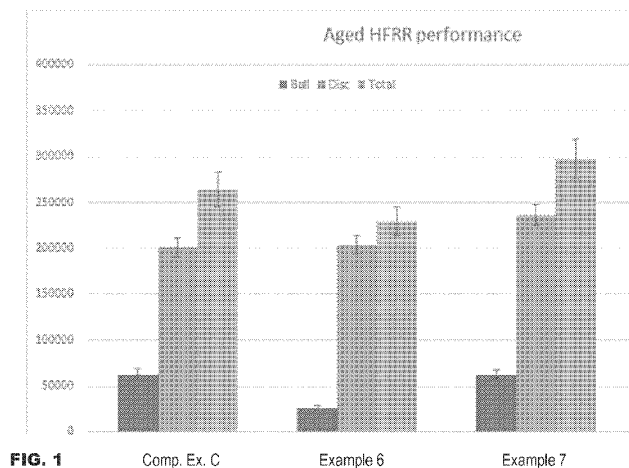
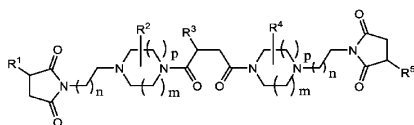


FIG. 1

(57) Abstract: This disclosure describes an ashless lubricant additive. The additive is a tertiary amine-containing compound having the following structure: where each R^1 and R^5 is independently a linear or branched-chain monovalent hydrocarbyl group having two to about twenty carbon atoms, where each R^2 , R^3 , and R^4 is independently a hydrogen, a linear or branched-chain monovalent hydrocarbyl group having one to about twenty carbon atoms wherein at least one of R^2 , R^3 , and R^4 is hydrogen, each m is independently from 0 to 2, each p is independently from 0 to 2, for each cyclic moiety $m + p$ is from 2 to 4, and each n is independently from 1 to 6.

[Continued on next page]

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