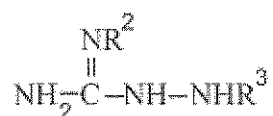


## FUEL ADDITIVE FOR IMPROVED PERFORMANCE IN FUEL INJECTED ENGINES

### ABSTRACT

The disclosure provides a fuel additive concentrate, a method for cleaning fuel injectors, a method for restoring power to a diesel fuel injected engine, a fuel composition, and a method of operating a fuel injected diesel engine. The additive concentrate includes (a) a hydrocarbyl substituted quaternary ammonium internal salt and (b) a hydrocarbyl substituted dicarboxylic anhydride derivative, wherein the hydrocarbyl substituent has a number average molecular weight ranging from about 450 to about 1500. A weight ratio of (a) to (b) in the additive concentrate ranges from about 20:1 to about 1:2, and the additive concentrate is devoid of a reaction product of a hydrocarbyl substituted dicarboxylic acid, anhydride or ester and an amine compound of the formula



wherein  $\text{R}^2$  is hydrogen or a hydrocarbyl group containing from 1 to 15 carbon atoms, and  $\text{R}^3$  is hydrogen or a hydrocarbyl group containing from 1 to 20 carbon atoms.

(No suitable figure)