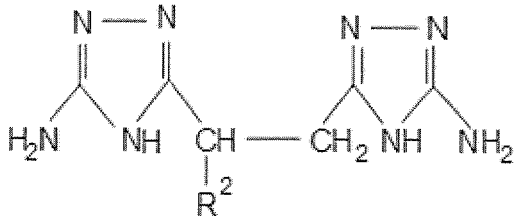
WHAT IS CLAIMED IS:

1. A method for cleaning internal components of a fuel injector for a diesel engine comprising operating a direct fuel injected diesel engine on a fuel composition comprising (A) a major amount of ultra-low sulfur diesel fuel; (B)~~and~~ from about 10 to about 500 ppm by weight, based on a total weight of the fuel composition of ~~(A)~~ a compound of the formula:



and tautomers and enantiomers thereof, wherein R^2 is a polyisobutenyl~~hydrocarbyl~~ group having a number average molecular weight ranging from 100 to 5000 daltons; and (C) an amount of hydrocarbyl succinimide dispersant, wherein a weight ratio of B:C in the fuel ranges from 1:2 to 1:10.

2. The method of claim 1, wherein R^2 is a ~~polyisobutylene~~polyisobutenyl group having a number average molecular weight of from about 200 to about 3,000 daltons.

~~3. The method of claim 1, wherein the fuel injected diesel engine comprises a direct fuel injected diesel engine.~~

~~4. The method of claim 1, further comprising (B) an amount of hydrocarbyl succinimide dispersant, wherein a weight ratio of A:B in the fuel ranges from 1:2 to 1:10.~~

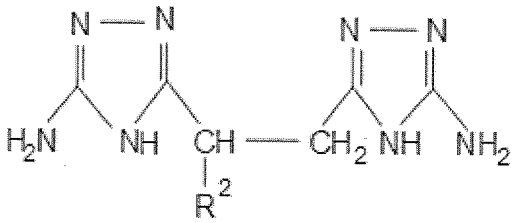
~~5~~3. The method of claim ~~4~~1, wherein the hydrocarbyl succinimide dispersant comprises a reaction product of polyalkenyl succinic acid or anhydride with tetraethylene pentamine.

~~6~~4. The method of claim ~~5~~3, wherein the polyalkenyl succinic acid or anhydride is derived from polyisobutylene having a number average molecular weight ranging from 800 to 1100 daltons.

~~7~~5. The method of claim ~~6~~4, wherein the polyisobutylene comprises a high reactivity polyisobutylene having at least 70 wt% or more terminal olefinic double bonds.

~~8~~6. The method of claim ~~4~~1, wherein the fuel comprises from 50 to 500 ppm by weight of a mixture of ~~A~~B and ~~B~~C.

~~9~~7. A method for reducing an amount of salt deposits on internal components of a fuel injector for a direct fuel injected diesel engine comprising operating the diesel engine on (A) a fuel composition comprising a major amount of ultra-low sulfur diesel fuel; ~~and~~(B) ~~a minor amount of (A)~~from about 10 to about 100 ppm by weight of a compound of the formula:



and tautomers and enantiomers thereof, wherein R^2 is a ~~hydrocarbyl~~polyisobutenyl group having a number average molecular weight ranging from 100 to 5000; and (C) an amount of hydrocarbyl succinimide dispersant, wherein a weight ratio of B:C in the fuel ranges from 1:2 to 1:10.

~~10. The method of claim 9, wherein the fuel comprises from about 10 to about 100 ppm by weight of compound (A) based on a total weight of the fuel composition.~~

~~11~~8. The method of claim ~~9~~7, wherein R^2 is a ~~hydrocarbyl~~polyisobutenyl group having a number average molecular weight ranging from about 200 to about 3000 daltons.

~~12. The method of claim 9, wherein the fuel injected diesel engine is a direct fuel injected diesel engine.~~

~~13. The method of claim 9, wherein the fuel is an ultra low sulfur diesel fuel.~~

~~14. The method of claim 9, further comprising (B) an amount of hydrocarbyl succinimide dispersant, wherein a weight ratio of A:B in the fuel ranges from 1:2 to 1:10.~~

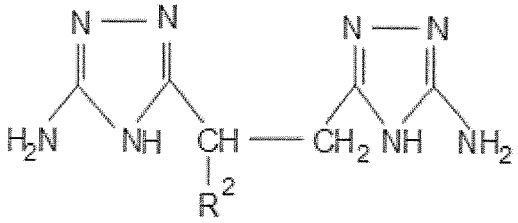
~~15~~9. The method of claim ~~14~~7, wherein the hydrocarbyl succinimide dispersant comprises a reaction product of polyalkenyl succinic acid or anhydride with tetraethylene pentamine.

~~16~~10. The method of claim ~~15~~9, wherein the polyalkenyl succinic acid or anhydride is derived from polyisobutylene having a number average molecular weight ranging from 800 to 1100 daltons.

~~17~~11. The method of claim ~~16~~10, ~~whrein~~wherein the polyisobutylene comprises a high reactivity polyisobutylene having at least 70 wt% or more terminal olefinic double bonds.

~~18~~12. The method of claim ~~14~~7, wherein the fuel comprises from 50 to 500 ppm by weight of a mixture of ~~A~~B and ~~B~~C.

~~19~~13. A method for preventing plugging of a fuel filter for fuel injectors of a direct fuel injected diesel engine comprising providing a major amount of ultra-low sulfur diesel fuel and a minor amount of a mixture of (A) a compound of the formula:



and tautomers and enantiomers thereof, wherein R^2 is a ~~hydrocarbyl~~polyisobutenyl group having a number average molecular weight ranging from 100 to 5000 daltons and (B) an amount of hydrocarbyl succinimide dispersant, wherein a weight ratio of A:B in the fuel ranges from 1:2 to 1:10, and wherein the fuel comprises from about 5 mg to about 200 mg of compound (A) per Kg of fuel, on an active basis; and

flowing the fuel through the fuel filter for the fuel injectors.

~~20~~14. The method of claim ~~19~~13, wherein the fuel filter has 2 micron openings therein for fuel flow.

~~21. The method of claim 19, wherein the fuel comprises from about 5 mg to about 200 mg of compound (A) per Kg of fuel, on an active basis.~~

~~22~~15. The method of claim ~~19~~13, wherein the fuel comprises from about 20 mg to about 120 mg of compound (A) per Kg of fuel.

~~23. The method of claim 19, wherein the fuel comprises an ultra-low sulfur diesel (ULSD) fuel.~~