What is claimed is:

1. Use of an additive composition in a fuel composition comprising a fuel that is gasoline, oxygenate, or mixtures thereof to reduce the carbonaceous deposits in a gasoline engine, wherein the additive composition comprises:
   a. an acylated detergent that is the reaction product of:
      i. a hydrocarbyl-substituted acylating agent that is a hydrocarbyl-substituted succinic acid and/or hydrocarbyl-substituted succinic anhydride, wherein at least one hydrocarbyl-substituent of the acylating agent is a C_{16} to C_{100} hydrocarbyl group; and
      ii. a nitrogen containing compound having at least one amino group that is quaternizable and at least one oxygen or nitrogen atom capable of reacting with said hydrocarbyl-substituted acylating agent,
   wherein the acylated detergent is quaternized with a quaternizing agent comprising at least one dialkyl sulfate, alkyl halide, hydrocarbyl substituted carbonate, carboxylate, alkyl ester, hydrocarbyl epoxides, hydrocarbyl epoxides in combination with an acid, or mixtures thereof, and wherein the acylated detergent is present in said additive composition at 5 wt% to 50 wt% based on a total weight of said additive composition;
   b. 20 wt% to 80 wt% of a Mannich detergent that is the reaction product of a hydrocarbyl-substituted phenol, an aldehyde, and ammonia or an amine that may optionally be quaternizable, based on a total weight of said additive composition; and
   c. 10 wt% to 60 wt% of a polyether and/or a polyetheramine, based on a total weight of said additive composition,
   wherein the additive composition is present in the fuel composition at a concentration of 25 ppm to 2500 ppm or 25 ppm to 1000 ppm on an actives basis, based on a total weight of the fuel composition.

2. The use of the additive composition according to claim 1, wherein the gasoline engine is a direct injection engine a gasoline port fuel injection engine.

3. The use of the additive composition according to claim 1 or 2, wherein the Mannich detergent is quaternized with a quaternizing agent comprising at least

one dialkyl sulfate, alkyl halide, hydrocarbyl substituted carbonate, carboxylate, alkyl ester, hydrocarbyl epoxides, hydrocarbyl epoxides in combination with an acid, or mixtures thereof.

4. The use of the additive composition according to claim 1 or 2, wherein only the acylated detergent is quaternized, optionally with hydrocarbyl epoxides or hydrocarbyl epoxides in combination with an acid.

5. The use of the additive composition according to any claim 1 to 4, wherein the hydrocarbyl-substituted phenol used to make the Mannich detergent is a polyolefin-substituted phenol, the polyolefin having a number average molecular weight of from 200 to 2000.

6. The use of the additive composition according to claim 5, wherein the polyolefin used to make the Mannich detergent is polyisobutylene.

7. The use of the additive composition according to any claim 1 to 6, wherein the at least one hydrocarbyl-substituent of the acylating agent is a C_{18} to C_{50} hydrocarbyl group.

8. The use of the additive composition according to any claim 1 to 7, wherein at least one hydrocarbyl-substituent of the acylating agent comprises an octadecene and/or polyisobutylene group.

9. The use of the additive composition according to any claim 1 to 8, wherein the acylated detergent is present in said composition at 10 wt% to 45 wt%, based on a total weight of said composition.

10. The use of the additive composition according to any claim 1 to 9, wherein the Mannich detergent is present in said composition at 30 wt% to 70 wt%, based on a total weight of said composition.

11. The use of the additive composition according to any claim 1 to 10, wherein the polyether and/or polyetheramine is present in said composition at 20 wt% to 50 wt%, based on a total weight of said composition.

12. A fuel composition comprising a fuel that is gasoline, oxygenate, or mixtures thereof and an additive composition comprising:

a. an acylated detergent that is the reaction product of:

i. a hydrocarbyl-substituted acylating agent that is a hydrocarbyl-substituted succinic acid and/or hydrocarbyl-substituted succinic anhydride, wherein at least one hydrocarbyl-substituent of the acylating agent comprises an octadecene and/or polyisobutylene group; and

ii. a nitrogen containing compound having at least one amino group that is quaternizable and at least one oxygen or nitrogen atom capable of reacting with said hydrocarbyl-substituted acylating agent,

wherein only the acylated detergent is quaternized with a quaternizing agent comprising at least one hydrocarbyl epoxide or hydrocarbyl epoxide in combination with an acid, and wherein the acylated detergent is present in said additive composition at 5 wt% to 50 wt% based on a total weight of said additive composition;

b. 20 wt% to 80 wt% of a Mannich detergent that is the reaction product of a polyolefin-substituted phenol, the polyolefin having a number average molecular weight of from 200 to 2000, an aldehyde, and ammonia or an amine, based on a total weight of said additive composition; and

c. 10 wt% to 60 wt% of a polyether and/or a polyetheramine, based on a total weight of said additive composition,

wherein the additive composition is present in the fuel composition at a concentration of 25 ppm to 2500 ppm or 25 ppm to 1000 ppm on an actives basis, based on a total weight of the fuel composition.