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(54) Title: COKE REDUCING ADDITIVE COMPOSITION AND METHOD OF USE THEREOF.

(57) Abstract: In one embodiment, the present invention relates to a coke reducing additive composition for simultaneously: reducing coke formed and increasing distillate during processing of: plastic material, or feedstock, or a combination of the plastic material and the feedstock, wherein the coke reducing additive comprises a combination at least of: a) diisodecyl phenyl phosphite (DIDPP); and b) metal salt including calcium salt, sodium salt, calcium salt of organic acid, sodium salt of organic acid or a mixture thereof; wherein the calcium salt is calcium naphthanate (CaNaphthenate); and wherein the sodium salt is Sodium naphthanate (NaNaphthenate). In the alternate embodiments, the present invention also relates to a method for simultaneously: reducing coke formed and increasing distillate; and a method of using a coke reducing additive composition for simultaneously: reducing coke formed and increasing distillate during processing of: plastic material, or feedstock, or a combination of the plastic material and the feedstock. In yet another alternate embodiments, the present invention also relates to a method for converting a waste plastic material to a distillate (a useful chemical commodity); and a method for reducing formation of coke deposits on walls of a processing unit, and a method for reducing fouling caused due to deposits of coke products on walls of the processing unit.

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