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(54) Title: COLD FLOW IMPROVEMENT OF DISTILLATE FUELS USING ALPHA-OLEFIN COMPOSITIONS

(57) Abstract: The cold flow of middle distillate fuels may be improved by adding an effective improving amount of one or more al-
pha-olefin compositions. The compositions include, but are not necessarily limited to, polymers of alpha-olefins *per se*, copolymer-
ized or grafted alpha-olefins with maleic anhydride, acrylic acid, vinyl acetate, alkyl acrylates, methacrylic acid, and/or alkyl methac-
rylates. These resulting copolymers or grafted polymers may be blended with alkylphenol-formaldehyde resins, which in turn may be
blended with ethylene-vinyl acetate (EVA) copolymer. In a non-limiting example, the cold filter plugging point (CFPP) may be syn-
ergistically improved as compared with the expected additive effect of using the components separately.

