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(54) Title: LOW VISCOSITY ENGINE OIL COMPOSITIONS

(57) Abstract: This invention is directed to ultra-low viscosity passenger car engine oil compositions with a kinematic viscosity at 100°C of from 4 to 6 cSt, and comprising in admixture 60 wt% to 90 wt% of a first base oil component, based on the total weight of the composition, the first base oil component consisting of a polyalphaolefin base stock or combination of polyalphaolefin base stocks, each having a kinematic viscosity at 100°C of from 3.2 cSt to 3.8 cSt; and 0.1 wt% to 20 wt% of a second base oil component, based on the total weight of the composition, the second base oil component consisting of a Group II, Group III or Group V base stock, or any combination thereof; wherein the composition comprises from 0 wt% to less than 0.25 wt% viscosity index improver, on a solid polymer basis; wherein the composition has a kinematic viscosity at 100°C of from 4 to 6 cSt, a Noack volatility of less than 15% as determined by ASTM D5800, a CCS viscosity of less than 3500 cP at -35°C as determined by ASTM D5293, and an HTHS viscosity of less than 2.6 mPa·s at 150°C as determined by ASTM D4683.



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