

(43) International Publication Date
18 April 2013 (18.04.2013)(10) International Publication Number
WO 2013/055481 A1

(51) International Patent Classification:

C10M 111/04 (2006.01) *C10N 30/10* (2006.01)
C10M 171/02 (2006.01) *C10N 30/12* (2006.01)
C10N 30/02 (2006.01) *C10N 40/25* (2006.01)

(21) International Application Number:

PCT/US2012/054773

(22) International Filing Date:

12 September 2012 (12.09.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/545,386 10 October 2011 (10.10.2011) US
 61/545,398 10 October 2011 (10.10.2011) US
 61/545,393 10 October 2011 (10.10.2011) US

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(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) **Title:** HIGH EFFICIENCY ENGINE OIL COMPOSITIONS

(57) **Abstract:** This invention is directed to passenger car engine oil compositions 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; 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; and at least 0.75 wt% viscosity index improver, on a solid polymer basis; wherein the composition has a kinematic viscosity at 100 °C of from 5.6 to 16.3 cSt, a Noack volatility of less than 15 % as determined by ASTM D5800, a CCS viscosity of less than 6200 cP at -35 °C as determined by ASTM D5293, and an HTHS viscosity of from 2.5 mPa-s to 4.0 mPa-s at 150 °C as determined by ASTM D4683.



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