

<p>90-275076/36 A97 E18 H04 CHEVRON RES & TECHN 17.02.89-US-311972 (23.08.90) C07c-05/22 Lubricating oil prodn. from olefin feeds - by isomerisation on alumino-phosphate mol. sieve catalyst C90-118884 R(AT BE CH DE DK ES FR GB IT LU NL SE) N(AU CA JP)</p>	<p>CALI 17.02.89 *WO 9009-362-A</p> <p>A(12-W2A) E(10-J2C3) H(4-E, 7-A, 7-G4, 7-G6) N(1-C1, 2, 3-C, 3-D, 3-F, 4-B)</p> <p>selected from poly-alpha-olefins, mineral oils and isomerised petroleum waxes.</p> <p>PREFERRED CATALYSTS</p> <p>(I) is a silicoaluminophosphate, esp. SAPO-11, SAPO-31 or SAPO-41. The Group VIII metal is Pt, Pd, Mo, Ni, V, Co, W and/or Zn (sic), esp. Pt and/or Pd, and is present in an amt. of 0.01-10 (esp. 0.2-5) wt.%. (37pp367SLDwgNo0/0). (E) ISR: US4440871 US4650917 US4686029 US4689138 US4710485 US4740650 US4788378 US4824554</p>
<p>ADVANTAGES</p> <p>The prods. have a low pour point, a high V.I., a low viscosity for their boiling range (giving reduced frictional resistance, reduced engine wear and increased fuel efficiency), high oxidative and thermal stability, and low volatility.</p>	
<p>PREFERRED CONDITIONS</p> <p>Isomerisation is effected at 200-475 deg. C and 15-2000 psig, with a LHSV of 0.05-20.</p> <p>The prod. is hydrofinished and opt. blended with an oil</p>	<p>WO9009362-A</p>