

WAX ISOMERIZATION USING
CATALYST OF SPECIFIC PORE GEOMETRY

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Abstract Of The Disclosure

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The present invention relates to a process for producing a lube oil having a low pour point and excellent viscosity and viscosity index comprising isomerizing a waxy feed over a catalyst comprising a molecular sieve having generally oval 1-D pores having a minor axis between about 4.2 Å and about 4.8 Å and a major axis between about 5.4 Å and about 7.0 Å and at least one group VIII metal. SAPO-11, SAPO-31, SAPO-41, ZSM-22, ZSM-23 and ZSM-35 are examples of useful catalysts.

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