

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

IPos

20004387-7

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C10G 71/00, 35/06, 35/095, 45/00, 45/02, C07C 5/00, 5/13, 5/22	A1	(11) International Publication Number: WO 99/41335 (43) International Publication Date: 19 August 1999 (19.08.99)
(21) International Application Number: PCT/US99/03007 (22) International Filing Date: 12 February 1999 (12.02.99) (30) Priority Data: 60/074,617 13 February 1998 (13.02.98) US (71) Applicant (for all designated States except US): EXXON RE- SEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MURPHY, William, John [US/US]; 16445 Coliseum Avenue, Baton Rouge, LA 70816 (US). CODY, Ian, Alfred [US/US]; 7942C Wrenwood Boulevard, Baton Rouge, LA 70809 (US). SILBERNAGEL, Bernard, George [US/US]; 7 Dartmouth Road, Annandale, NJ 08801 (US). (74) Agents: SCUORZO, Linda, M. et al.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).	(81) Designated States: AU, CA, JP, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: A LUBE BASESTOCK WITH EXCELLENT LOW TEMPERATURE PROPERTIES AND A METHOD FOR MAKING (57) Abstract A method for producing a lube basestock from a waxy feed is disclosed in which a feed containing to 50 wt.% or more of wax is hydrotreated and stripped to lower the nitrogen and sulfur content of the feed. The feed is then hydroisomerized under conditions to 370 °C, hydrocatalytically dewaxed with a catalyst comprising a mixture of a catalytically active metal on a zeolite dewaxing catalyst and an amorphous catalyst, or alternatively is solvent dewaxed and then hydrocatalytically dewaxed with the just described catalyst.		