

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



9702275-0

RTMP's copy

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C10M 141/00, 161/00, 159/12 // (C10M 141/00, 125:18, 125:22, 129:06, 129:08, 135:24) (C10M 161/00, 125:18, 125:22, 145:36), C10N 30:06, 70:00	A1	(11) International Publication Number: WO 96/17911 (43) International Publication Date: 13 June 1996 (13.06.96)
(21) International Application Number: PCT/US95/15767 (22) International Filing Date: 5 December 1995 (05.12.95) (30) Priority Data: 353,012 9 December 1994 (09.12.94) US (71) Applicant: EXXON CHEMICAL PATENTS INC. [US/US]; 1900 East Linden Avenue, P.O. Box 710, Linden, NJ 07036 (US). (72) Inventor: PUCKAGE, James, Stanley; 16 Van Hise Drive, Perrineville, NJ 08535 (US). (74) Agent: SHATYNSKI, Theodore, J.; Exxon Chemical Com- pany, 1900 East Linden Avenue, P.O. Box 710, Linden, NJ 07036 (US).	(81) Designated States: AU, BR, CA, JP, KR, MX, SG European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: OIL-SOLUBLE COMPLEXES OF PHOSPHORUS-FREE STRONG MINERAL ACIDS USEFUL AS LUBRICATING OIL ADDITIVES (57) Abstract This invention provides oil-soluble complexes of oil-insoluble phosphorus-free strong mineral acids and alcohols. The complexes are useful antiwear additives in lubricating oils, particularly automatic transmission fluids.		