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### (54) Lubricant oil composition

(57) A lubricant oil composition comprising a minor portion of calcium sulfonate(s), barium sulfonate(s), or mixture thereof being neutral or having the total base number of 100 mg KOG/g or less, and straight chain univalent fatty acid(s) having 8 to 18 carbon atoms and a major portion of a base oil of mineral oil series and/or synthetic oil series, said base oil having a kinematic viscosity of 10 to 500 mm<sup>2</sup>/s at 40°C.

The lubricant oil composition of the present inven-

tion exerts excellent separation properties from a cutting fluid prepared by diluting a water-soluble cutting fluid. Therefore, the composition so readily separates and floats in a reservoir tank for the cutting fluid that the composition can be removed simply by means of an oil skimmer and the like. Thus, the properties of the water-soluble cutting fluid can be maintained for a long term, with no occurrence of poor work environment due to rot and so on.



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	GB-A-1 103 533 (GULF RESEARCH AND DEVELOPMENT COMPANY) * page 2, line 93 - line 95; claims 1,2 *	1-7	C10M141/08 C10M163/00 C10M169/04 //(C10M141/08, 129:40, 135:10), (C10M163/00, 129:40, 159:24), (C10M169/04, 101:02,129:40, 135:10,159:24)
A	DATABASE WPI Section Ch, Week 8628 Derwent Publications Ltd., London, GB; Class H07, AN 86-182144 XP002004523 & SU-A-1 198 110 (FERROUS METALLURGY INST) , 15 December 1985 * abstract *	1	
A	DE-A-28 54 975 (HOECHST) * claim 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C10M
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	31 May 1996	Hilgenga, K	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			