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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.

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# EUROPEAN SEARCH REPORT

Application Number  
EP 95 30 9479

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31 May 1996	Examiner Hilgenga, K
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

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