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(54) **Methylpolysiloxane hydraulic fluids.**

(57) A methylpolysiloxane oil containing  $\text{CH}_3\text{SiO}_{3/2}$ ,  $(\text{CH}_3)_2\text{SiO}$ , and/or  $(\text{CH}_3)_3\text{SiO}_{1/2}$  units and having a specific gravity of 1.02 or greater has been found useful as an hydraulic fluid. The specific gravity of the hydraulic fluid allows for any water introduced into the system to collect as an upper layer above the hydraulic fluid where it can be removed easily. A particularly preferred methylpolysiloxane hydraulic fluid contains 0 to 10 mol percent  $(\text{CH}_3)_3\text{SiO}_{1/2}$  units, 45-80 mol percent  $(\text{CH}_3)_2\text{SiO}$  units, and 20-45  $\text{CH}_3\text{SiO}_{3/2}$  units with a 1.65 to 1.80  $\text{CH}_3/\text{Si}$  ratio.

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# EUROPEAN SEARCH REPORT

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EP 83 10 8576

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. 3)
X	GB-A-2 086 922 (WACKER CHEMIE) * Claims 1,2,4,6,7 *	1-5, 10	C 10 M 3/44
P, X	<p style="text-align: center;">---</p> PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 56(C-155)(1201), 8th March 1983; & JP - A - 57 205 496 (TORAY SILICONE K.K.) 16-12-1982 <p style="text-align: center;">-----</p>	1, 2	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			C 10 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10-05-1985	Examiner RO TSAERT L.D.C.
CATEGORY OF CITED DOCUMENTS 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 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			