Properties of alkylbenzene - Vic Zimmerman - 4-5147

	· Pirelli Spec.	ARKYLATE 220 Monsanto
Gravity		
Voltoil 9	= 0.870 ± 0.005 @20°C.	0.858 @15°C.
" 12	= 0.875 ± 0.005	
Viscosity		
Voltoil 9 @20°C.	= 5 cs } 10% Tol.	5.05
" 12 @20°C.	= 12 cs }	
Voltoil 9 @50°C.	= 2.6 cs } 10% Tol.	2.47
" 12 @50°C	= 4.0 cs }	
Flash Pt.		
Voltoil 9 @20°C.	= 110°C.	137.5°C.
" 12 @20°C.	= 130°C.	
Anilin Pt.		
Voltoil 9	= 0°C	
	= 12°C	
Dielectric loss:		
"Tan Delta" @100°C	= 0.003	0.01
" " @110°C aged	= 0.005	

Talked with Sil McEwan and decided that Alkylate 225 closest approximates Dodecylbenzene Mol. wt ~~244~~ 246.08 and would be the best to check refining capability.

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