

PSHVE/20 22-23/2	Product Specifications Of Synthetic Ester Oil for Transformer Application		Drg. No.	_____																								
			Date	11.08.2022																								
1.0	Application To be used as Transformer oil as an insulating and cooling medium in oil-filled transformers.			Vendor Compliance (Yes/No)																								
2.0	General The transformer insulating fluid should be K3 class as specified in IS13503/ IEC:61039 as per table below and fully biodegradable																											
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Note (1) For untreated liquid as received																								
Note (2) For frequencies {f (Hz)} in the range of 48 Hz to 62 Hz convert values as follows																								
Tan delta [f (50 Hz)= f (Hz)/50 tan Delta [f(Hz)]																								
4.0	Shelf life: The supplier shall furnish the shelf life of the Synthetic Ester oil and also state their storage guidelines. The oil must have minimum one-year shelf life when stored in packed condition from the date of receipt of material.																							
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