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Author	Lisa Hemmilä	
Title (English)	Development of the diagnostic tool dissolved gas analysis and marketing activities for condition assessment of power transformers	
Title (Swedish)		
Abstract	<p>The possibility of using a mass spectrometer as detector for dissolved gas analysis was investigated and a website for the ABB Transformers Diagnostic Group was created. Oil samples of known gas concentrations were analyzed to select chromatographic configuration, method and ion masses for detection. The selectivity and the detection limits were evaluated. An encountered obstacle was the stability of the system.</p>	
Keywords	Dissolved gas analysis, transformers, ABB, marketing, gas chromatography	
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