

Gen-Tags



Gen-Tags and NuGen Collector Analysis services complement the capabilities of the GCM-X, providing even greater value and functionality.

Gen-Tags

Gen-Tags enables location of generator hotspots. These specially synthesized, chemically and thermally stable compounds are applied to critical areas of the generator so that areas of overheating can be identified during sample analysis. Gen-Tags can be applied by NuGen during manufacturing of new generators or on site during scheduled maintenance outages.

PART NO. GA027X-PXX	GEN-TAG COMPOUND	COATING MEDIUM	GEN-TAG COLOR	APPLIED AREA
273	N-Deodecyl imide	Epoxy Paint	Sudan Yellow	Collector End End Windings
274	Cyclo- Dodecyl-Imide	Epoxy Paint	Sudan Orange	Turbine End End Windings
275	Cyclo-Octyl Imide	Epoxy Paint	Sudan Irisol	Core I.D.
276	Dihexyl Amic Acid	Alkyd Paint	Iron Blue	Rotor Surfaces Excluding Retaining Rings
277	Adamantyl Imide	Epoxy Paint	Green	Bushings and Lower Leads
278	Cyclo-Heptal Imide	Epoxy Paint	Sudan Blue	Transformers and Reactors (Where applicable)

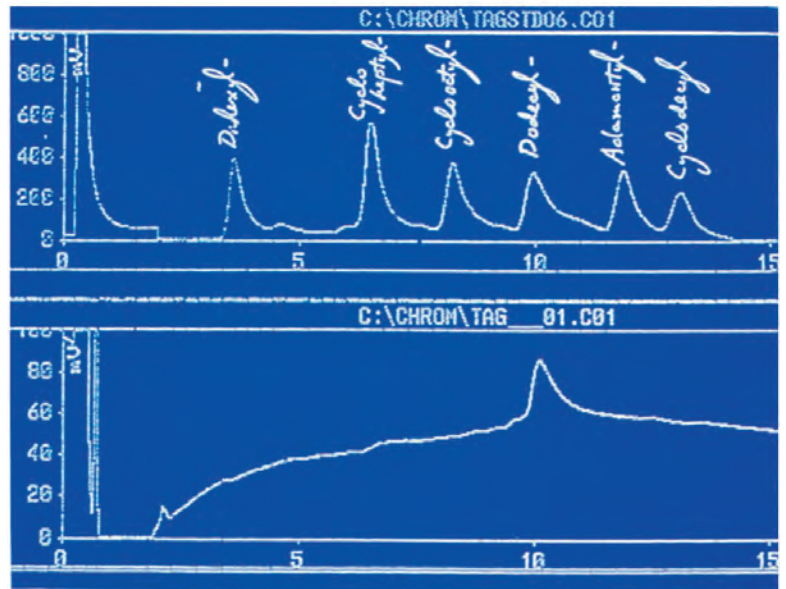
Collector Analysis

Collector Analysis program further verifies a GCM-X alarm and qualifies the nature and/or source of the problem. We recommend an initial collector sample be analyzed to establish a baseline for your generator and that subsequent samples be collected every six months to determine any deviation from the baseline. Emergency Collector Analysis is performed within 24 hours of receipt.

Typical Collector Analysis Graph

Collector Analysis for generators with Gen-Tags is accomplished through chromatography. Whether we provide a "conventional" analysis or one specifically for Gen-Tags, our analysis services provide valuable data in support of a predictive maintenance program.

Gen-Tags



Typical Gas Chromatograph

Specifications

Please contact NuGen Technologies for more specifications