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Nye Lubeletter - January 2011

January 18, 2011

Technology

How Does Nye Measure Outgassing of its Lubricants?

Nye will be receiving an E-595 test rig. The E-595 test method measures the volatile content of materials when exposed to a vacuum environment. Two parameters are measured; total mass loss (TML) and collected volatile condensable materials (CVCMM). This testing is done on every batch of our semicon products. By having this capability internally, this will allow us to reduce the turnaround time on test results. The unit will also be used to evaluate new raw materials and experimentals for developing low outgassing products that are important to our aerospace and in-vacuum manufacturing customers.

Product Insight

Nye: The Official Manufacturer of Six Anderol® Lubricants



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With the target to broaden and expand its product lines, Nye Lubricants is now the official manufacturer of 6 of the Anderol® lubricants which have had their place in the industrial maintenance and electrical power management equipment industries for many years. We are now offering the Anderol 732, Anderol 752 Grade 1, Anderol 752 Grade 2, Anderol 757, and Anderol 786 products. Nye is manufacturing these products according to the original process and control specifications as provided by Anderol so that you can be assured you are getting the same quality product you have always used. With these products added to Nye's extensive line of lubricants for industrial maintenance and electrical power management applications, we now offer an expanded and complete line of solutions for any lubricant need.

Product Releases

- **NyeTorr® 6200** utilizes Pennzane Ultra as a base fluid and boasts a 47%

improvement in Total Mass Loss under Vacuum as well as a 53% improvement in Condensable Volatiles over the NyeTorr 5200. These improvements make the NyeTorr 6200 ideal for vacuum applications where low outgassing is required.

- NyeTorr® 6300 -

Developed with proprietary processing and materials, 6300 displays 74% reduction in Total Mass Loss under Vacuum as well as a 67% reduction in Condensable Volatiles over the NyeTorr 5300. It is intended for high vacuum applications where extremely low outgassing and broad range of temperatures are required.

- Synthetic Oil 271A - A

medium viscosity synthetic hydrocarbon oil intended for bearings, gears, and other mechanical systems. 271A is currently being registered as NSF-H1 for food grade.

- Instrument Grease AND-

757MS - A replacement of a discontinued Anderol product. A lithium soap thickened, heavy viscosity, diester grease formulated to adhere to, and prevent the wear of, moving parts. It is recognized as an excellent lubricant and sealant for electrical switch boxes.

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Ph: +1.508.996.6721 Fx: +1.508.997.5285

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