

Nano Grease with Enhanced Thermal Conductivity and Reduced Amount of Carbon Nanotubes (SWNT and MWNT) Loading

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This presentation deals with the development of novel greases that incorporate nano-particles as a means to enhance their performance. For example, this novel technology will increase the properties of current commercial greases, such as thermal conductivity. The addition of 1-3 weight percentage of this novel grease will lead to 50-100 % enhancement of thermal conductivity.