



NanoMaterials Ltd.

Line of Business
Lubricants

Established
2002

Leading Executive
Mr. Baruch Halpert
Chairman and CEO

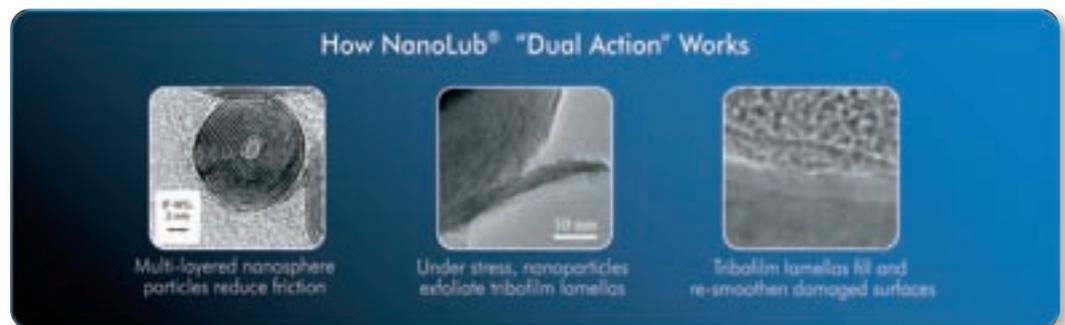
NanoMaterials Ltd., founded in 2002, is an award winning company that develops, manufactures, and sells award winning nanotechnology based lubricants. Based on breakthrough research from Weizmann Institute of Science, Israel, NanoMaterials developed proprietary multi-layered fullerene shaped nanospheres and nanotubes from inorganic compounds - tungsten disulfide.

The company's nanoparticles are stronger and more stable than conventional particles. They offer a 'dual-action' mechanism: mechanical lubrication and surface reconditioning. The nanospheres function as anti-friction agents, enhancing the effectiveness of fluid lubricants. In response to friction and high-temperatures, the nanospheres exfoliate. These particles attach to crevices, re-smoothing eroded metal surfaces and creating a protective tribofilm layer. The main benefits of their lubricants are that they offer improved performance, reduced costs and that they are better for the environment.

is blended into host oils and greases to reduce friction and wear, prolong device service life, save energy, and lower maintenance costs. It is useful in applications ranging from automobiles, industrial machines, heavy equipment, bearings, and chains. NanoLub® additives and pastes are sold worldwide by the company's network of sales agents and distributors including Europe, North America, India, Japan, Asia, and South Africa.

The company is also developing its lubricant coatings range:

NanoMaterials offers special anti-friction coatings for metal parts in the aerospace, automotive, and military markets.



With NanoMaterials the future of nanotechnology is here and now. The company manufactures bulk quantities of competitively priced tungsten disulfide nanospheres at its state-of-the-art production facility in Yavne, Israel. The company also produces pilot quantities of inorganic multi-walled nanotubes at attractive prices.

The company's main commercial focus is on the lubricants market:

NanoMaterials launched its NanoLub® line of additives for enhancing the anti-friction, anti-wear and extreme pressure performance of lubricating oils and greases. The product comes in three forms: base powder, bulk concentrate and a ready to use top-up additive. This unique solid lubricant



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