

## **PRESS RELEASE**

### **Nanotech Industrial Solutions (NIS) completes a \$12m growth investment round from existing and new investors**



**02 May, 2018  
New Jersey, USA**

**Nanotech Industrial Solutions, Inc (NIS) has completed a \$12m growth capital round to accelerate sales and continue developing new applications of its path-breaking nano-additives technology. The round was led and syndicated by EcoMachines Ventures, a long-term investor in NIS.**

NIS is the only manufacturer of nano-sized particles of Inorganic Fullerene-like Tungsten Disulfide, producing high performance additives for greases, industrial lubricants (including gear oils, transmission oils, chain oils etc.), metal working fluids and other lubricating fluids.

The company's unique, patented particle technology reduces friction and wear whilst increasing the extreme pressure capacity of lubricants. This leads to significantly reduced downtimes and cost of ownership whilst increasing resource efficiency in the automotive industry (engine and gear oils) and industrial applications (engine oils, chain oils, gear oils, greases, etc).

#### **Nanotech Industrial Solutions President and CEO Eugene Kverel, commented:**

“Today's announcement marks a key milestone in NIS' journey to take cutting edge nanotechnology into the specialty chemicals and lubricant additives industry. Over the last few years we have proven to industry the unique properties of our technology. There is growing pressure on the market to switch over to the new standard of performance developed by NIS.”

“Lubricating fluids are one of the most important components in any industrial and automotive applications. To meet today's environmental and efficiency demands industries around the globe are looking for new generation high performance lubricants. NIS's IFWS2 based additives provide a unique opportunity to bring lubricants to new performance level and significantly improve efficiency whilst reducing emissions, downtimes and cost of ownership.”

**Dr. Ilian Iliev, Managing Director of EcoMachines Ventures commented:**

“We are excited by the prospects for NIS as an emerging leader in additives for the greases and industrial lubricants, metal-working fluids, and drilling fluids segments. The support NIS is receiving by leading industry players will help the company grow faster and into many more markets.

This investment will allow NIS to scale the model and capitalize on its growing take-up across multiple market segments.”

**Technology and Markets**

NIS produces high performance additives for greases, industrial lubricants (including gear oils, transmission oils, chain oils etc.), metal working fluids (water based and emulsions) and other lubricating fluids including drilling. NIS’ patented technology releases nano-structured materials under certain physical conditions. The unique morphology significantly improves friction and wear properties, resulting in a substantial contribution of the technology to resource efficiency of cars, power plants and industrial plants.

According to a Markets & Markets report, the lubricants additives market alone is expected to reach \$16.2bn by 2019, while according to Grand View Research the metal working fluids market reached \$9.6bn in 2016. Growth drivers in these markets include tightening environmental regulations, and greater expectations for resource efficiency by operators.

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**For more information, photos or interview requests please contact:**

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**About Nanotech Industrial Solutions ([www.nisusacorp.com](http://www.nisusacorp.com))**

Nanotech Industrial Solutions is the manufacturer of an innovative line of nano-lubricants, additives, metal working fluids greases and coatings based on inorganic particles of fullerene-like tungsten disulfide. This revolutionary invention was first developed in 1992 by Prof. Reshef Tenne who was nominated for a Nobel Prize. This invention is exclusively licensed to Nanotech Industrial Solutions for manufacturing and commercialization worldwide. NIS has attracted the best minds in the fields of nanotechnology, chemistry, and various targeted industry applications like lubricating oils, greases, coatings, metal working fluids, polymers

and composites. NIS's global corporate office, commercialization R&D lab, manufacturing, blending and packaging facilities are located in Avenel, NJ. For more information visit <http://www.nisusacorp.com/>

**About EcoMachines Ventures ([www.ecomachinesventures.com](http://www.ecomachinesventures.com))**

EcoMachines Ventures (EMV) is a London-based investor focused on B2B companies in the industrial high-tech, energy, resource efficiency/circular economy, smart cities and transportation sectors. EMV invests in, and provides advisory services related to, investments that involve a range of technologies including robotics and AI, materials science, IoT, advanced engineering and power electronics. EMV has invested alongside some of the world's leading corporations, including ABB, Philips Lighting, Evonik Industries and Flex. Founded by Dr. Ilian Iliev in 2013, EMV has a unique multidisciplinary team with expertise in investment, deep industry, corporate finance and M&A. EcoMachines Ventures Limited is an appointed representative of Capital Deposit Limited, which is authorised and regulated by the Financial Conduct Authority.

**Industry reports cited:**

Grand View Research (2016), *Metalworking Fluids Market Size, Share & Trends Analysis Report – 2012-2022*, <https://www.grandviewresearch.com/industry-analysis/metalworking-fluids-market>

Markets & Markets (2014), *Lubricant Additives Market - Global Trends & Forecast to 2019*, <https://www.marketsandmarkets.com/Market-Reports/lubricant-additives-market-172993846.html>