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Press Release

## Adding tungsten disulphide gives customers more value from oil: Technomics

### *IFWS2 a value-add to oil analysis services*

Technomics has a multi-faceted approach to get more from oil and lubricants, which drives fleet costs backwards and reduces the environmental footprint. One of these facets is the use of Inorganic Fullerene-like Tungsten Disulphide (IFWS2) nano-particles from NanoLub.

The company's innovative and specialised fluid management processes reduce oil and fuel use, decrease unnecessary servicing, limit maintenance, lower emissions and prevent oil wastage.

As an independent provider, Technomics services lead the way in preventative maintenance and adding the technologically superior IFWS2 nano-particles provide even greater value.

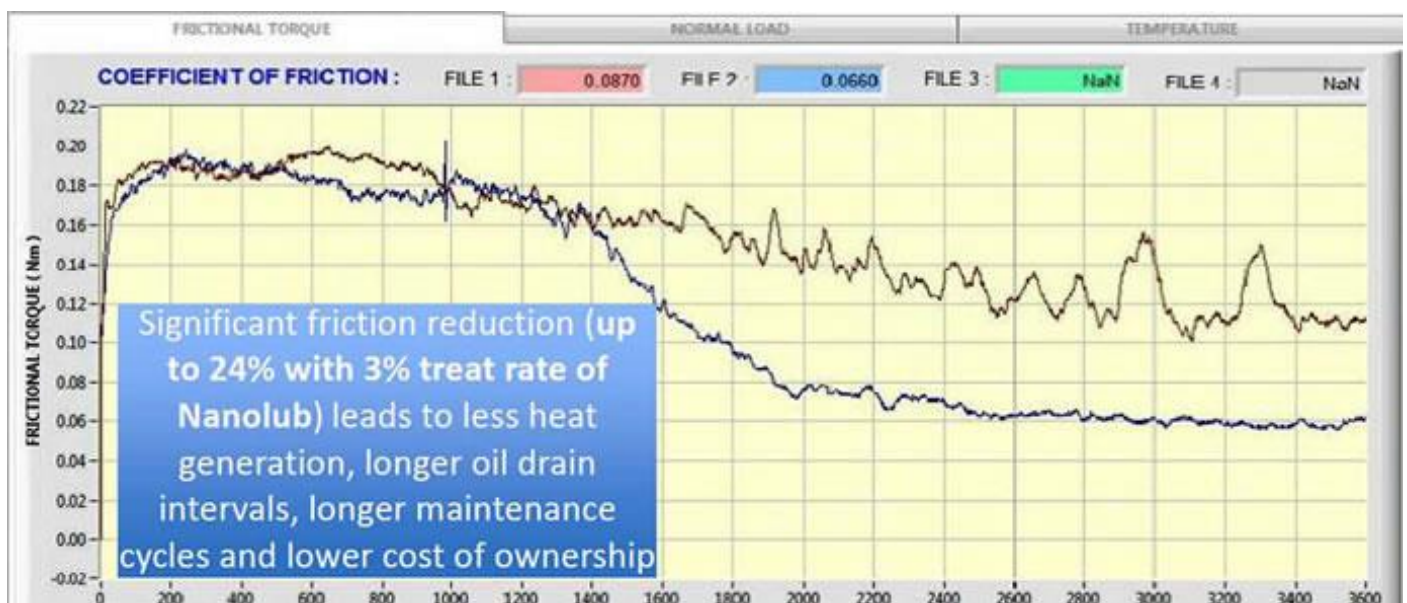


Chris Adsett, CEO of  
Technomics International

Technomics CEO Chris Adsett says the NanoLub product, which is distributed throughout the company's network, further enhances the capacity to provide clients with maximum value from their lubricants thus enhancing productivity.

"These revolutionary submicron spherical-sized WS2 particles form into nano-sized onion-like ball bearings. When exfoliated in working conditions, they penetrate into asperities of the metal within engines, gear boxes and final drives.

"This process forms a protective coating on the metal that has the lowest coefficient of friction known of for metal coatings of .003."



He says the IFWS2 technology is completely different and much more efficient than other additives which are based on molybdenum or graphite.

"These are platelet technologies while IFWS2 is spherical, resulting in greater reduction of friction between moving metals parts.

“When NanoLub IFWS2 is used in engines, tolerances are tightened and blow-by is reduced, which in turns reduces the energy required to operate the engine.

“The reduction of blow-by helps reduce contaminants that normally would be introduced into your oil and which shorten your oil’s life.

“This is just one oil improvement feature,” he says. “Gearboxes and final drives also benefit greatly through the extreme pressure anti-wear properties in NanoLub.

NanoLub IFWS2 combines advanced anti-friction and anti-wear functionalities, which introduces the concept of continuous surface reconditioning.

Chris Adsett says the benefits of using IFWS2 particles in oil and lubricants are being demonstrated by Techenomics in independent laboratory tests as well as in unofficial trials in working situations.



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We will test your oil with an appropriate WS2 additive to provide you with the relevant information to reduce your fuel consumption and lower your engine wear! Click here for more...

“These tests continually provide proof that this innovative technology really works – improving the effectiveness of oil, lowering fuel consumption, reducing friction and operating temperatures, and cutting maintenance downtime and costs.

“Use of NanoLub IFWS2 is a real no-brainer,” he adds.

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