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Press Release

IF-WS2 kicks fuel consumption goals for VW Golf user

Tests and trials by Techenomics return impressive results

The more we throw at NanoLub's inorganic fullerene-like tungsten disulphide (IF-WS2) nanoparticles, the more we are convinced of their ability to boost the performance of oil and lower fuel consumption, according to Techenomics International CEO Chris Adsett.

Techenomics is distributing the IF-WS2 products throughout its network and is the exclusive worldwide mining distributor.

As such, the total fluid management provider is carrying out laboratory tests and unofficial trials on IF-WS2 and Chris Adsett says the results continue to go beyond expectations.



Chris Adsett, CEO of
Techenomics International

“Laboratory testing demonstrates that IF-WS2 increases the performance and life of oil and lubricants. “This, in turn, leads to improved fuel consumption, thus resulting in greater productivity, with the added benefit of less maintenance downtime and costs.”

He says the test results are backed up by unofficial user trials in a range of applications, including passenger vehicles, competition racing, heavy vehicles, mining fleets and industrial equipment.

A VW Golf user provides evidence of the fuel consumption benefits of adding IF-WS2 to the car's 4.7-litre oil reservoir.

The owner and driver says he is definitely getting a lot more kilometres from a tank of fuel after adding IF-WS2. He estimates at least a 13% improvement in fuel consumption.

As an example, his initial road trials shows the best consumption achieved prior to adding IF-WS2 was 8.5 litres per 100km in moderate highway driving without many hills.

This was improved to an average of 7.85 litres in a mix of predominantly highway driving with some in-city conditions.

Since using IF-WS2 in the VW Golf, the owner has been able to register in excess of 800 kilometres per tank.



In discussions with other VW Golf owners who do not use IF-WS2, none have said that they can get close to this kind of consumption with most achieving high 600s and up to mid-700s in really good conditions. Chris Adsett says these results speak for themselves when it comes to the benefits of using IF-WS2. “The IFWS2 particles, which are spherical in nature, act like ball bearings between metal surfaces.

“By forming a protective micro-layer on metal surfaces, IFWS2 prevents these surfaces from coming into contact, thus reducing friction and lowering operating temperatures.”

“But wait ... there’s more,” he adds. “IF-WS2 also reduces harmful emissions.”



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The product’s environmental credentials were recognised recently when NanoLub’s IF-WS2 gained an important ISO-14001 environmental accreditation.

Certification of the IF-WS2 products of NanoMaterials Ltd, the Israeli subsidiary of US-based Nanotech Industrial Solutions Inc (NIS), covers the technology’s environmental qualities, which encompass reducing emissions.

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