

FURUTECH

Review

POSITIVE FEEDBACK ONLINE

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hardware

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audio

furutech

Nano Liquid

as reviewed by Dave Clark

At my request, [Furutech](#) sent me their Nano contact (\$99) treatment fluid stuff to try out. Being a proponent of getting the best contact one can between any surface to minimize noise and maximize transfer of whatever (AC or signal), their stuff seemed like an interesting approach to this area of audio tweakdom.

To quote form the Furutech site:

...Nano Liquid's molecules are so tiny (8 nano-meters in diameter (8/1000000mm) they "fill up" any air bubble holes left during the plating process when brushed onto connectors.

...Squalene Oil can remove oxide and other debris etc. from the surface of metal, making the surface clean and free of pollution, thus activating the metal surface.

...applying the principle of atomic adsorption, Furutech uses gold & silver super-micro particles, adhering to metal surface evenly, they fill in any concave-convex sections on surface, increasing the electric conduction area and debasing impedance (Ω).

...this very stable liquid (Squalene Oil) forms a layer protective film on the surface of the metal, preventing oxidation. Utilizing the oils excellent adsorption properties gold & silver super-micro particles evenly adhere to surface of the metal.

Squalene Oil is sourced from olives, palm oil, and wheat germ oil. However, the largest concentration of Squalene Oil is from the liver of deep sea sharks caught for commercial fishing. Now if this a good or bad thing I am not sure of ...though I do like sushi. As to the conductivity of Squalene Oil used as a suspension for the gold and silver micro-particles used in the Nano fluid, well not so sure of that, but it does conduct electricity or at the very least an audio signal and does it quite well.

It is rather easy to apply, but the Squalene Oil will stain your skin and clothing, so beware—the bottle is quite small as is the brush, so one needs to be careful and not spill. The application brush applies a very thin amount to the chosen contact surface (having so far only tried it on speaker connections) making for quick and easy work. I did clean the contact with Caig ProGold and followed with a good a rinse or two of alcohol to remove any residue. That way, the Nano was seeing a clean nude surface and not whatever was on the connectors that might interfere with what I was about to hear.



So listen with the contacts cleaned... that's nice ...and then with the Nano applied... Ahhh ...nicer still.

Audible the improvements were in areas of dimensionality, dynamics, and the sonic tapestry taking on a more texturally vivid presence. Especially noteworthy was a greater sense of bass impact, along with everything becoming that much more visceral and alive. Not a dramatic "My jaw hit the floor" sort of thing, but simply put the music sounded better. Smoother with a more organic feel, while still taking the overall resolution up a notch. A sure recommendation to try without any issues in terms of longevity—been a month now and the contacts look clean and healthy. Word has it that the stuff holds up very well even after a year or so. But even if it does age, the silver will tarnish making for even better conductivity between the two surfaces. As for the gold, well it stays nice as it is—no tarnish. I am assuming that the two metals, along with the Squalene Oil, may be the factors behind the smoother and more organic feel... with the improvement in contact/conductivity allowing for the rest of what I hear.