

WE MAKE METAL STRONGER

It's not just what you freeze, it's HOW you freeze it. Our secret evolved since 1966.



The First Cryogenic Material Treatment Facility in the UAE

What is Cryogenic Treatment?

Deep Cryogenic Treatment involves freezing the material to -310°F . This gives a more uniform material with better physical properties than conventionally heat treated material, or un-treated materials.

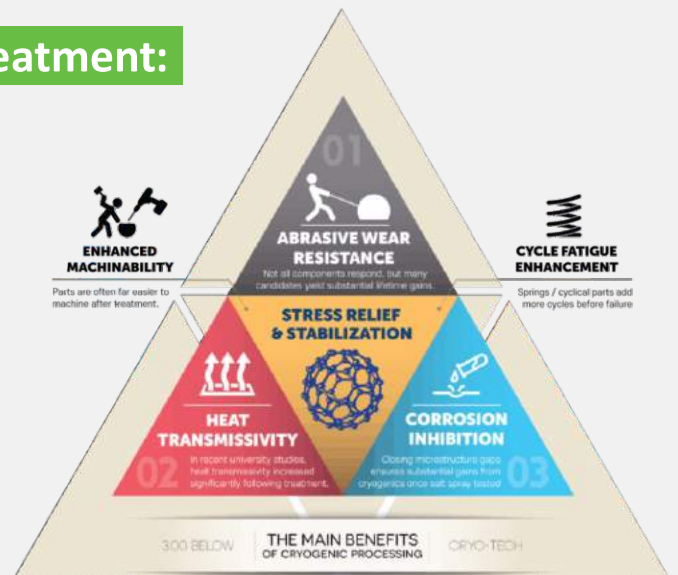
Benefits of Deep Cryogenic Material Treatment:

1. Stress Relief & Stabilization
2. Abrasive Wear Resistance
3. Heat Transmissivity
4. Corrosion Inhibition
5. Cyclic Loading / Fatigue Enhancement
6. Increased Machinability

Industries Served:

- High Performance Vehicles & Bikes
- Diverse range of Manufacturing Companies
- Precision Manufacturing / Machining Industries
- Dies & Moulds
- Industrial Maintenance
- Fleet Operators / Transport Companies
- Marine Engineering Industries
- Oil & Gas Industries
- Defence & Aerospace Industries
- Sporting Equipments
- Musical Instruments and many more

If you have questions about your specific requirement, please contact us for your specific application and we would be more than happy to have a look at it



A I M S Equipment & Building Materials Trading
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What can you treat?

Brake discs/rotors, rings, pistons, engines, cams, cam shafts, valve springs, gears, pinions, bearings, springs, cutters, knives, cutting tools, drills, end mills, ball nose end mills, chain saws, tapping/threading tools, thread gauges, blades, hacksaw and band-saw blades, pump parts, bike chains, gun barrels, precision machined parts, production tooling and a whole lot more.



What our customers have to say:

Before switching to cryogenically treated rotors, the life of our untreated rotors had ranged from a low of 6,000 miles to a high of 12,000 miles and required turning every time the pads were replaced. Now, our fleet of 36 ambulances equipped with treated rotors are averaging rotor life of 60,300 miles. We monitor maintenance expenses very closely, and are extremely happy with our savings since we began using treated rotors.

Chris Gardner Metro Atlanta Ambulance, Marietta, GA

I used to destroy at least one set of front brake rotors every season. I have just completed my fifth season on a set of your cryo treated rotors and they are still not warped!

The cylinders and crankshafts tend to wear out after a couple of seasons or less. After cryo treating these parts their life has been extended by at least two fold, probably more.

Ed Kay, Professional Racer, Marshall, WI

My son and I have been racing karts for over 30 years and were sponsored by 300 Below for several years. We have seen the results of cryo processing on the longevity of our racing engines and were able to at least double the time between rebuilds because there was less power loss due to wear.

Jerry and Gerald from Revely Racing Team – Bloomingdale, IL.

Other Products & Services:

Authorised sellers of FEIN (Germany) power tools and equipment.



High quality wear parts for crushing and metal recycling industries by ARMET USA



Tubular Forgings with variable wall thicknesses. Upto 460mm dia. and 3000mm length



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