



Deep Cryogenic Treatment at -320° F Solves These Problems:

HIGH ABRASIVE WEAR in cutting tools, molds, dies, bearings, etc...



Aircraft maker reduced aircraft length drill usage by 50%

HIGH EROSIVE WEAR from wind, water and other abrasive grit carriers.



Treated components used in sour oil wells lasted five times longer.

DISTORTIONS induced by design, forming, machining or environment.



Reduced distortions in electronic mountings to almost zero.

STRESS RELIEF in complex tools, components and welds.



Reduces catastrophic failures in tungsten carbide tooling.

STRESS RELIEF CRACKING of weld zones in corrosive atmospheres.



Eliminated weld zone failures in parts used in corrosive oil wells.

SURFACE FINISH in any application where long life is needed.



A2 Rc 60-62 die, micro-polished, outlasted nitrided one by 2 to 1

STABILIZATION in parts and components as a result of stresses.



High stability reduced thin wall casting losses from 32% to 5%

MACHINABILITY in aluminum and copper parts.



Reduced machining time of thin wall aluminum casting by 50%.

ELECTRODE LIFE in copper resistance welding electrodes (Type 1,2,3,4,11 and 13)



Electronics' manufacturer gets 600% improvement with Class 3 electrodes.
