

Victory 1 Performance
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<https://electronic-pr.com/2021/10/in-house-crn-valve-coating-at-victory-1-performance/>



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Northridge, CA 91324
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#18309-001

In-House CrN Valve Coating At Victory 1 Performance

Victory 1 Performance has expedited the process of manufacturing custom titanium valves and components by adding the highly regarded CrN coating process to the firm's in-house capabilities at its Mooresville, NC facility.

Chromium Nitride (CrN) coating has proven to be exceptionally effective in high-stress racing applications as it both increases hardness and improves lubricity, which helps prevent valve seat face wear and maintains optimal sealing. It prevents "trenching" of the seat face. A superior valve seal translates into more horsepower and longer engine life.

The CrN application involves employing cathodic arc technology in a PVD (physical vapor deposition) vacuum chamber at low temperature. Benefits include heat and chemical resistance, increased hardness and lubricity, a lower coefficient of friction and oxidation resistance.

For additional information call 704-799-1955 or visit www.TitaniumValve.com. Victory 1 Performance is a proud member of the Race Winning Brands family of industry-leading high performance engine components manufacturers.