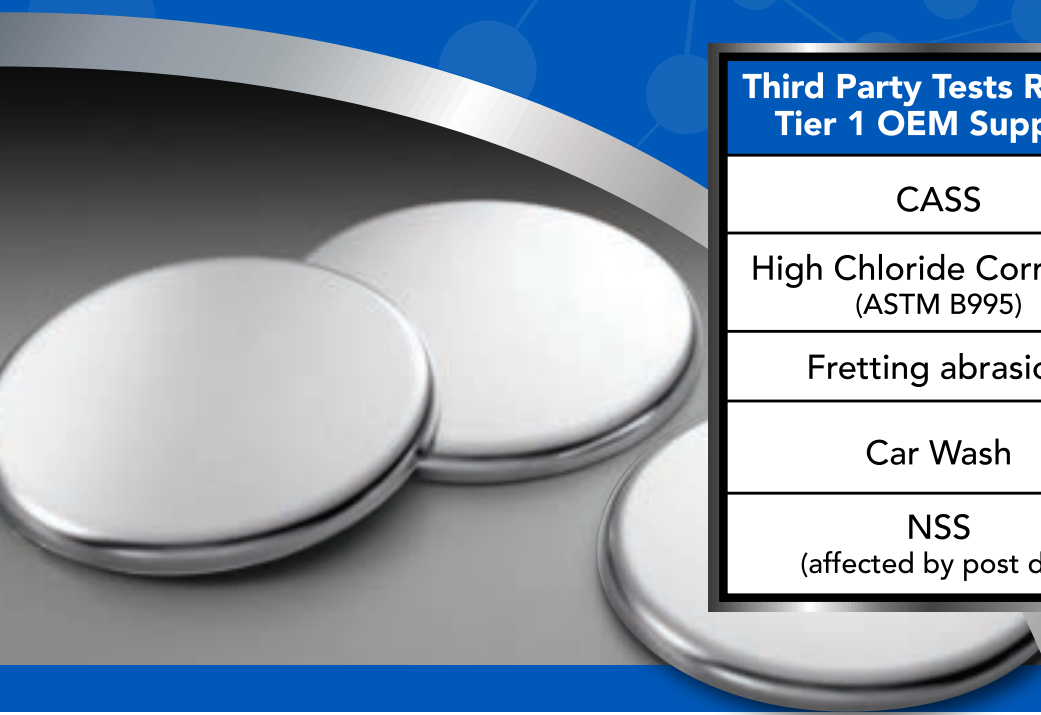


NEW

Innovation in Decorative Trivalent Plating

TriCOL Reclaim[®]

White Trivalent Chromium Plating Process



Third Party Tests Run by Tier 1 OEM Supplier	Columbia Chemical TriCOL Reclaim [®]
CASS	>60 hrs
High Chloride Corrosion (ASTM B995)	>336 hrs
Fretting abrasion	Passed 5000 strokes
Car Wash	Minor hairlines
NSS (affected by post dip)	>1000 hrs

- **Chloride Based System for Exterior Color Stability**
High performing chloride based system offers superior exterior color stability and performance over sulfate systems.
- **Unique Formulation – Prevents Buildup of Counterions**
Specific gravity does not increase over time - allows for reclamation. Use with closed loop system can also eliminate Chrome, Ammonia and Boric Acid concerns.
- **Brightest Trivalent White**
Revolutionary new process results in the brightest white appearance and high L*a*b* color values.
- **Exceptional Cost Savings – Comparable to Hex Chrome**
Average savings of 40 - 60% over traditional trivalent chromium processes.
- **Free From Chrome Dust Mess**
Single liquid additive eliminates chrome dust exposure.

Addresses Environmental Stewardship

Innovative technology developed to allow reclaim and recovery within a closed process cycle to address evolving regulatory concerns.

COLUMBIA[®]



CHEMICAL

Simplifying Surface Finishing[®]

330-225-3200

ColumbiaChemical.com

Process is PFAS Free