

### **General Description:**

ML-381 is a proprietary metallurgically bonded overlay that has been developed by MOGAS Industries over the past seven years through a significant research and development program. This overlay is designed to improve the service life and reparability of Titanium valves in the HPAL and POX markets.

### **Application Method:**

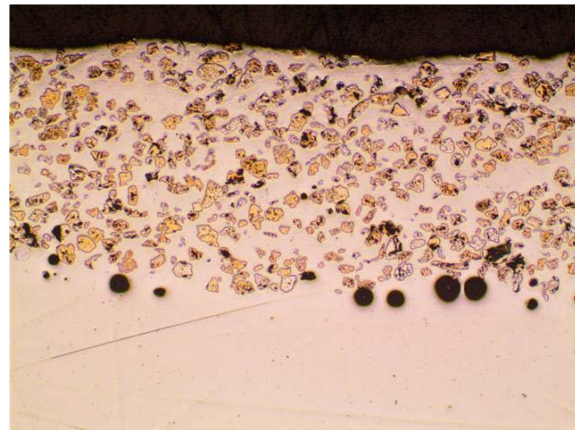
Proprietary (Patented)

### **Typical Chemistry:**

Proprietary Titanium with 40-60% Hard Phase

### **Typical Mechanical Properties:**

Hardness	48-52 HRC
Hard Phase	2400 HV
Finished Thickness	0.015" to 0.020"
Porosity	1% max
Useful Temperature	up to 1000°F (540°C)
Bond Strength	> 40,000 psi



### **Confidentiality Note:**

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