

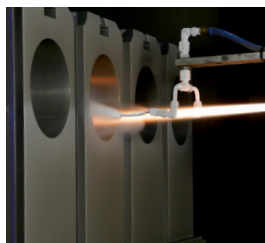
Metallic and Ceramic Coatings for the Oil, Gas, and Petrochemical Industries



Throughout the oil, gas, and petrochemical industries, equipment used in all phases of production is subjected to wear problems caused by abrasion, galling, erosion, and corrosion. Praxair metallic and ceramic coatings and laser overlays are an effective answer to these problems.

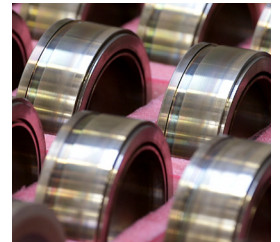
Drilling / Well Logging

- Choke valve inserts
- Connector pins
- Drive shaft seal areas
- Down hole logging and inspection tools
- Housings, pin subs, and wear pads used in MWD / LWD
- Hydraulic cylinders
- Mandrels in drilling jars / shock tools
- Shock absorbers
- Single-lobe rotors for artificial lift pumps
- Stabilizers
- Stems
- Tri-cone drill bits



Wellhead

- Blowout preventers
- Gate valves
- Valve chokes



Petrochemical

- Ball valves
- Compressor piston rods
- FCC valve components
- Mechanical seals
- Mixer rotors
- Plungers
- Pump shaft sleeves
- Rotor shafts
- Valve stems



Pipeline

- Pipe inspection rub shoes
- Wash pipe



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more productive

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