Loctite® products help extend equipment life and prevent common failures.

**High Purity**

**Low Halogen**

**Low Sulfur**

**Loctite® 2432™**
Low Halogen/Low Sulfur
This medium strength threadlocker was specifically developed for use on sensitive metals, like titanium, used in the nuclear industry. Removable with hand tools.

**Loctite® 580™ PST®**
Low Sulfur
For threaded fittings in fossil fuel, solar and hydro plant piping systems.

**Loctite® 5802™**
High Purity
A high purity thread sealant formulated to meet the green limit requirements of the nuclear industry. A high viscosity, medium strength thread sealant low in impurities, such as halogens, sulfur and low melting point metals.

**Loctite® 5772™**
Low Sulfur
A medium strength thread sealant with fast curing properties. Specially developed for use on sensitive metals, like titanium, used in the nuclear industry. Parts can be separated using hand tools.

**Loctite® N-7000™**
Metal-free
Metal-free formulation provides high levels of purity and excellent lubricating properties. For Class 1, 2 and 3 power plant hardware. Temperature resistant to 2400°F (1315°C).

**Loctite® N-5000™**
Nickel-based
Nickel-based. Lubricates and protects Class 1, 2 and 3 power plant hardware. Recommended for highly corrosive environments to 2400°F (1315°C).

**Loctite® N-1000™**
Copper-based
Certified pure. Copper-based. Suitable for critical, long-term, stainless steel applications and high-nickel, alloy bolting. Recommended for protecting Class 2 and 3 power plant hardware. Temperature resistant to 1800°F (982°C).
Henkel offers a full line of maintenance products to help extend the equipment life and prevent common failures in your plant.

**HERE ARE A FEW SOLUTIONS ...**

### COOLING TOWERS AND CHIMNEYS

- Concrete structures are continuously attacked by harsh environmental conditions and are prone to corrosion, spalling and erosion.

**SOLUTION:** Loctite® Fixmaster® Magna-Crete™ Concrete Repair

- Stronger than concrete
- Resistant to chemical attack
- Quick cure
- Non-sag formulas
- Bonds to concrete (unlike cements and mortars)

This tower had thousands of Magna-Crete™ Concrete Repair patches applied.

Magna-Crete™ Concrete Repair patches at work on cooling towers.

### FAN MOTORS AND TURBINE ASSEMBLIES

- Fans and turbines are subjected to harsh vibrational forces that result in misalignment. Over time, this situation can cause damage to motors, shafts, blades and housings.

**SOLUTION:** Using Loctite® Retaining Compounds will prevent these problems by chemically locking the fan or turbine assembly to its shaft, thus eliminating high speed vibrational effects.

### PUMPS: WEAR PREVENTION AND GROUTING SOLUTIONS

- Prevent loosening and costly misalignment by securing pumps and blowers to floor using Loctite® Grouts.
- Repair and protect worn and damaged pumps and components with Loctite® Nordbak® Brushable Ceramic and Fixmaster® metal rebuilding products.

600 hp bottom suction pump (installed mid-1980s).

After sandblasting.

Pump interior after repaired with Loctite® Fixmaster® metal repair products.

Coated with two coats of Loctite® Nordbak® Brushable Ceramic.

To learn more about Loctite® training or to schedule an in-plant training session, call 1.800.LOCTITE (562.8483) to speak with your local Loctite® product specialist.

For answers to your technical questions or to access a Material Safety Data Sheet (MSDS) or Technical Data Sheet (TDS) on any Loctite® product, call 1.800.LOCTITE (562.8483) or visit our website at www.loctite.com. In Canada, call 1.800.263.5043.