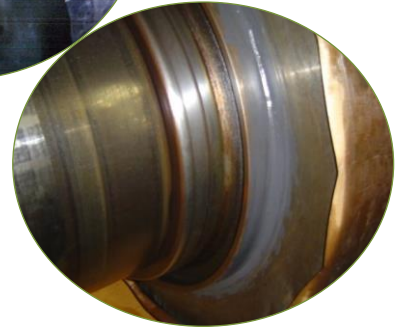


## 107 Metal Repair Paste XL

107 Metal Repair Paste XL is a two component solvent free epoxy metal repair compound with an extended usable life for hotter climates. The product has been designed for use on a wide range of metallic surfaces and once cured is readily machinable.

The product is suitable for repairs to equipment such as worn or damaged pump shafts, cracked pump or valve casings, scored hydraulic rams, worn bearing housings, damaged flanges, leaking tank seams and cracked engine blocks.



### Main characteristics -

- Two component
- Solvent free epoxy
- 3:2 mixing ratio by volume
- Usable life 60 minutes (20°C)
- Touch dry 4 hours (20°C)
- Machinable 12 hours (20°C)
- 87 Rockwell R Hardness (Once fully cured)
- Applied by spatula or applicator tool
- Available in 4kg pack sizes

### Mechanical Properties –

#### Adhesion

Tensile Shear to ASTM D1002      180kg/cm<sup>2</sup>      (2550psi)

#### Compressive strength

Tested to ASTM D 695      839kg/ cm<sup>2</sup>      (11,900psi)

#### Corrosion Resistance

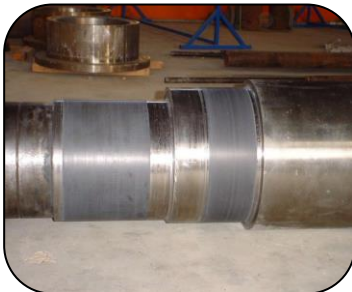
Tested to ASTM B117      Minimum 5000 hours

#### Flexural Strength

Tested to ASTM D790      585kg/cm<sup>2</sup>      (8300psi)

#### Heat Resistance

Suitable for water immersion up to 70°C and intermittent contact with steam up to 120°. Dry heat resistance up to 150°C.



Quarry crusher shaft rebuilt using 107 Metal repair Paste XL (India)

Turbine cover repaired using 107 Metal Repair Paste XL (Egypt)

Reforming of worn and damaged metal components using 107 Metal Repair Paste XL (Italy)

