
BELZONA PROVIDES INTERNAL PROTECTION OF GEARBOXES

CUSTOMER

Oil Refinery, UK

APPLICATION DATE

November 2007

APPLICATION SITUATION

This is a typical small gearbox from a power plant within the refinery

PROBLEM

Original internal paint protection is flaking off and getting stuck in bearings and oilways. Loss of oil circulation can result in bearing damage and reduced efficiency.

PRODUCTS

Belzona[®] 5891 (HT Immersion Grade)

SUBSTRATE

Cast Steel

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Paint systems giving life expectancy of 1-3 years. Cost of a major repair caused by damage to the internal parts of the gearbox from flaked paint could run into thousands of pounds for labour, downtime, loss of production and parts. Belzona coating provides long term corrosion protection and resists hot oil without flaking.

PHOTOGRAPHS

1. Gearbox casing with damaged internal coating
2. Close up view of degraded paint coating
3. Close up view of Belzona[®] 5891 coating
4. Completed coating on casing

