

REDUCTION GEARBOX WITH BELZONA CHOCKS ON FISHING BOAT

ID: 5932



PROBLEM

The propulsion system has been aligned. The reduction gearbox must be placed on chocks that would not change their height with occasional compression due to weight of the gearbox and the high torque applied to the anchor bolts, and maintain alignment.

APPLICATION SITUATION

Speed reducer gearbox of the main engine of the propulsion system on fishing boat. Machine room.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-12 and Belzona 7111 IFU.

BELZONA FACTS

After pouring Belzona 7111 in the two dam casings and after curing was completed, the engine was supported and the anchor bolts were tightened, the variation due to compression was measured and was homogeneous and only 0,001", completely acceptable and safe for alignment.

INDUSTRY

Marine

LOCATION

Fishing Boat, Peru

APPLICATION DATE

September 2015

PRODUCTS

Belzona 7111 (Marine Grade)

SUBSTRATE

Marine steel in the cockpit support and cast steel in the base of the engine and box.

PHOTOS

1. Naval propulsion reduction gearbox
2. Filling the dam by pouring
3. Exact adjustment with torque wrench
4. Completed project with minimum variation which does not affect alignment

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