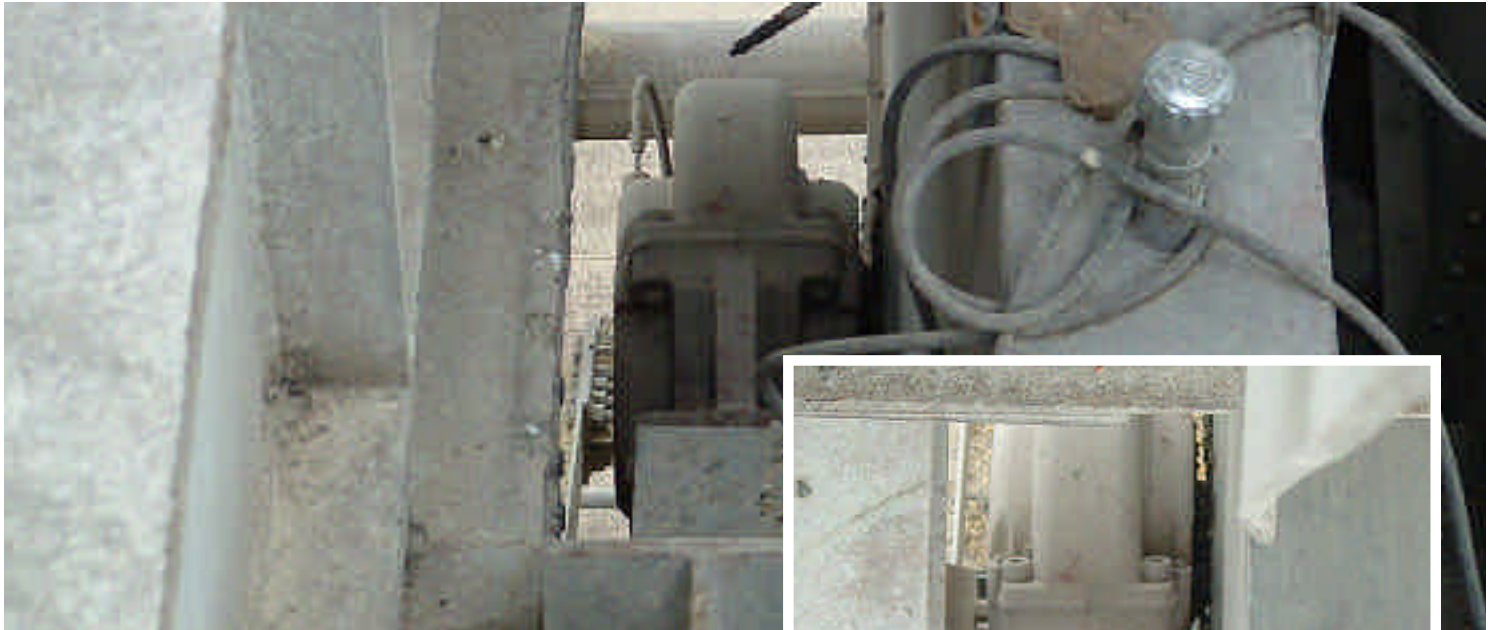


# Bearings for Faster Ship Unloading



**Commitment to tides and sailing times places great emphasis of the need for continuous uptime for this heavy duty ship loading grain conveyor.**

The Cooper 11 inch 03 Series GR (Fixed) bearings are installed on the 500rpm main loading conveyor. The radial load regularly exceeds 60 tons. The Cooper split to the shaft bearings replaced sleeve oil bearings during the 1970's. The same shaft uses a 9 inch Cooper (EX) bearing, seals for both these bearing are Cooper ATL (Aluminum Triple Labyrinth).

The split to the shaft roller feature enables installation and inspection access in areas that would otherwise demand a complete plant stripdown. The Cooper bearing permits easy access for installation and inspection without removal of adjacent equipment in the tightest of trapped positions.

In addition, the Cooper hallmark split to the the shaft feature provides



Trapped positions pose no problem for the Cooper split to the shaft roller bearings. Here, an extra heavy duty 03 Series bearing is installed on a ship loading grain conveyor.

sealing that always remains concentric to the shaft which keeps out foreign matter and retains the lubrication.

Inspection and maintenance is carried out in the shortest possible time giving more uptime and less maintenance which contributes to higher efficiencies and profitability.

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