

Elevating Performance with Cooper Split Bearings



Replacing Dodge E Type bearings, Cooper bearings have provided optimum bearing performance for this bucket elevator. The application is installed with 02 BCP 415 EX (Expansion) and GR (Fixed) bearings.

In Cooper nomenclature the 415 identifies the bearing size. The last two digits represent 16ths of an inch and this application uses an 02 BCP 415 which is an 02 Series $4\frac{15}{16}$ " Bearing, Cartridge and Pedestal.

This 25RPM Bucket Elevator customer has used Cooper split roller bearings for 10 years.

The 02 Series BCP (Bearing, Cartridge and Pedestal), $4\frac{15}{16}$ " EX (Expansion) and GR (Fixed) split roller bearings are installed on the head and tail shafts of this elevator.

One of the main benefits of using a Cooper split to the shaft roller bearing is the totally split to the shaft feature permits easy access for installation and inspection without removal of adjacent equipment or a complete plant stripdown.

In addition, the Cooper hallmark split to the shaft feature provides sealing that always remains concentric to the shaft which keeps out foreign matter (in this instance, carbon dust) 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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