

# Long Bearing Life in a Wet and Dirty Environment

This recently installed Cooling Bed Runout Table was designed from the outset to utilize Cooper 01EBCP 300 EX bearings.

01E (Enhanced Capacity) Series BCP 300 (3" Bearing, Cartridge and Pedestal), EX (Expansion) split roller bearings are installed on this runout table from the melt shop at this Steel of West Virginia facility.

Maximizing productivity is imperative for this customer who specified Cooper split to the shaft bearings to gain maximum uptime during changeout or inspection procedure.

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.

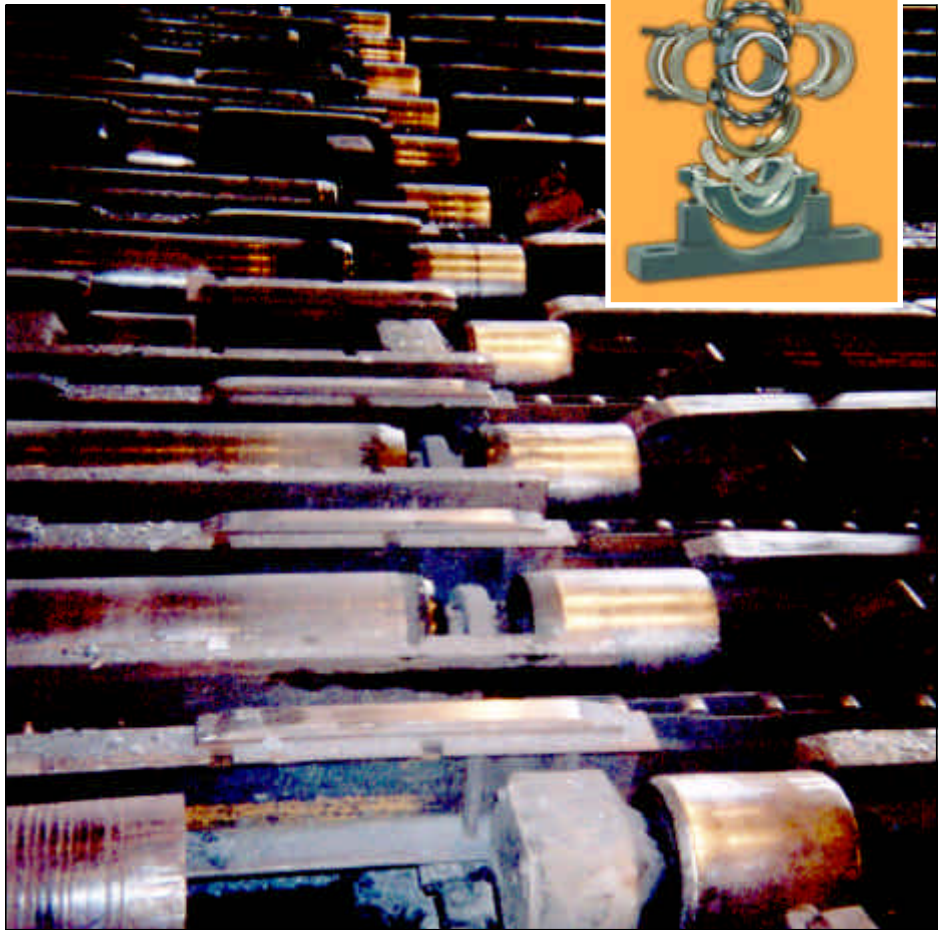
Only bearings with superior sealing capability can continue to operate in this extremely hot and wet environment. Cooper is proven in these industrial conditions and is expected to meet (or exceed) the anticipated bearing life. The Cooper hallmark split to the shaft feature provides sealing that always 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.

Below: This runout table application uses Cooper 01E BCP 300 EX (Expansion) bearings. In Cooper nomenclature the 300 identifies the bearing size. The last two digits represent 16ths of an inch and this application uses an 01E BCP 300 which is an 01E Series 3" Bearing, Cartridge and Pedestal.

Inset Image: shows the components in the Cooper E Series bearing. The pressed steel cage locks together without the need for cage clips and an increased number rollers in the E Series bearing permits a higher carrying capacity.

## COOPER®



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