

## Power End Features

- Cast iron power frame
- Ductile iron crankshaft
- Heavy-duty roller crankshaft bearings
- Bi-metal crankpin bearings
- Ductile iron connecting rods
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Internal gear reduction / 4.933:1 Ratio / with:
  - Ductile iron herringbone type main gear
  - Alloy steel pinion shaft with herringbone pinion gear
  - Heavy-duty roller pinion shaft bearings
- Flooded sump, splash distribution lubrication
- Rated rod load is 2500 lbs
- Cast iron crossheads with upper/lower oil grooves

**Fluid End Features**

- Bolted Valve and Cylinder Head Covers
- Bolted type glands and removable stuffing boxes
- File Hard Steel Piston Rods
- Valve Types
  - Steel wing guided valve & seat-Crude Oil Transfer
  - Steel wing guided w/replaceable insert for slush service
- Piston Types for crude oil transfer:
  - Cast iron piston body, ring type
  - Cast iron, chrome faced, piston rings
- For slush / mud service:
  - Mission slush type piston w/ replaceable rubbers
- General service piston rod packing

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