

Cost

Saving

Design

Ideas

Designs in Ductile Iron

- CASTING APPLICATION** Tractor Roller Frame Supports drive track assembly
- SPECIFICATION REDESIGN** ASTM 65-45-12 Replaces a steel fabrication
- COST SAVINGS DESIGN** Unknown Two piece casting replaced 38 piece assembly
- ADVANTAGES** Casting offered higher strength, improved appearance, overall cost savings
- SIZE & WEIGHT COMPANY FOUNDRY** 10 X 2 X 1 ft, 530 lbs Caterpillar Aarrowcast, Shawano, WI



- CASTING APPLICATION** Worm Gear & Post Screw
- REDESIGN** Pulp Refining Machinery
- SPECIFICATION REDESIGN** ASTM A-536 (60-40-18) From Bronze & Steel Fabrication
- COST SAVINGS DESIGN** Part Cost Reduced 46%; \$77 Savings per Unit
- ADVANTAGES** Provided Precise Clearances Regardless of Internal Pressure; Simplified Final Assembly
- SIZE & WEIGHT COMPANY FOUNDRY** Approximately 18" x 30" E. D. Jones Corp. Pittsfield, MA Unknown



DUCTILE IRON GROUP