

Cost

Saving

Design

Ideas

Designs in Ductile Iron

CASTING APPLICATION

Rear Chute Pivot
Pivot Assembly For
Concrete Mixer
Trucks

SPECIFICATION REDESIGN

Ductile Iron
Converted from a
steel weldment

COST SAVINGS DESIGN

\$250,000 Annually
Replaced a nine
piece weldment,
allowed for a more
simple design.

ADVANTAGES

Saved \$72/unit.

SIZE & WEIGHT

19 X 14 X 6 in, 40 lbs

COMPANY

Unknown

FOUNDRY

Dotson Co,
Mankato, MN



CASTING APPLICATION

Cam
Cotton Picker

SPECIFICATION REDESIGN

SAE J-434C (D5506)
From Hardened Tool
Steel

COST SAVINGS

Part Cost Reduced
68%; \$450,000 Annual
Savings

DESIGN ADVANTAGES

Reduced Surface Loads;
Increased Picking
Speeds; Improved
Efficiency

SIZE & WEIGHT

Approx. 14"

COMPANY

John Deere
Des Moines, IA

FOUNDRY

John Deere
East Moline, IL



DUCTILE IRON GROUP