

Case Study 1

Haulpak 423mm Centrifugal Cooling Fan

Original Metal Fan



- » Mass: 16kg
- » Premature bearing failure
- » Aerodynamic performance less than optimal

MechCaL Composite Fan



- » Mass: 6kg (60% weight reduction)
- » Cost: less than the OEM replacement steel fan
- » Bearing failure problem solved
- » Aerodynamic performance improved by 15%
- » Hub attachment improved (quicker fitment)