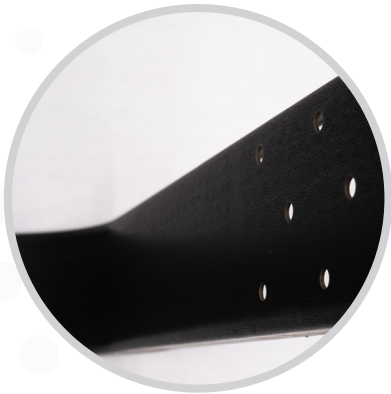


## TIRE CARRIER

### THE PROBLEM



- » Fleet Engineers Inc., a major manufacturer of value-added solutions for commercial vehicles, wanted to simplify their supply chain and reduce the cost of a tire-carrier component.
- » Fleet Engineers relied on many outside vendors for secondary processing.
- » The original process flow of the part was:
  - Substrate sourced was hot rolled, pickled & oiled steel
  - Sent to Chemcoaters to be coated with a dry-film lubricant for forming
  - Sent to Fleet Engineer's facility to be slit and stamped
  - Parts sent to an outside facility to be cleaned and painted with an e-coat
  - The parts were then sent back to Fleet Engineers for packaging and final shipment.



### THE SOLUTION

- » Fleet Engineers wanted to combine processes to save money.
- » Chemcoaters used its branded InterCoat® ChemGuard product family as a base for a novel, aesthetically tinted coating formulation, which would help shorten the supply chain.

### THE RESULTS

- » The new process flow:
  - Source hot dip galvanized steel instead of hot rolled, pickled & oiled steel
  - Sent to Chemcoaters to be coated with InterCoat® ChemGuard 315L-Black
  - Sent to Fleet Engineers to be slit, stamped, and packaged at their facility
- » Sourcing galvanized steel coated with InterCoat® ChemGuard allowed the customer to eliminate the cleaning and expensive e-coat steps from their process.
  - Due to its corrosion-inhibiting nature, InterCoat® ChemGuard protects the the product without the need for an e-coat paint system.
  - The ChemGuard coating comes with an aesthetically-pleasing tint that allows for the elimination of e-coat and is also suitable for dry-stamping.
- » Fleet Engineers saved time & money.