

NTN DRIVESHAFT, INC. COMPANY PROFILE



NTN

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NTN DRIVESHAFT FACILITIES

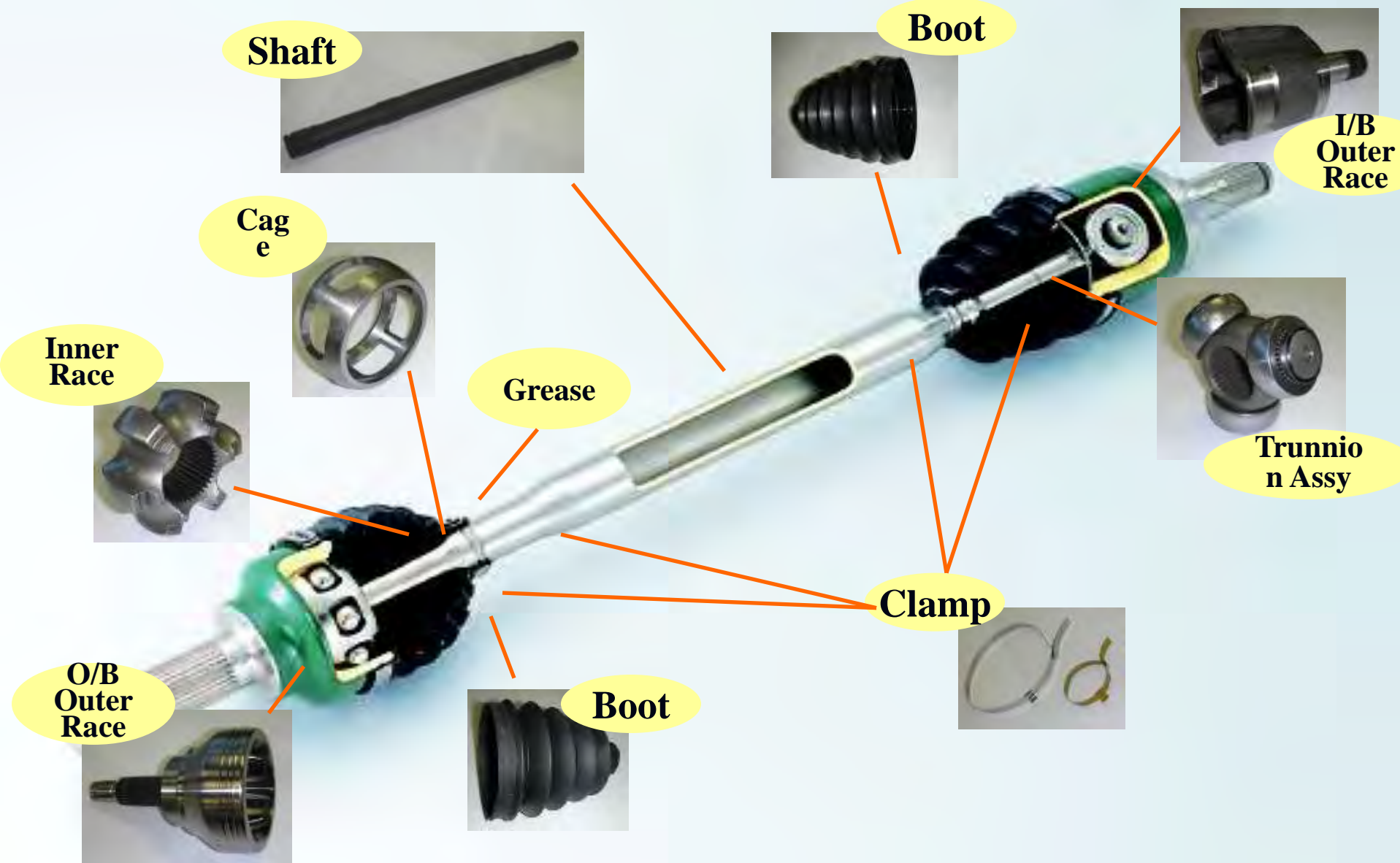


Started 1991
1600 employees
Production capacity :
1,000,000 / month
Area : 120 acres
1.5 million sq. ft
under roof

2011 Governor's Award

2011
IIOA Industrial Class "C"
Waste Water Plant of the Year

What is a driveshaft ?



Where do they go?



OIL/WATER SEPARATION

- Treated 1.1 million gallons of oily water in-house.
- Savings over \$350,000.00 annually.
- Recycled 500,000 gallons of treated water back into our process for reuse.
- Sold oil that was separated for over \$14,000.00 paying for the process.

Environment

- Saved 10 truckloads of oily water being hauled off-site each month.
- Saving 80,000 kg of CO₂ in emissions every year.
- Saving 8,000 gallons of diesel fuel annually.



Water reuse

- Water is reused in two processes campus wide.
- 1ST is water make-up for metal treating process.
- 2nd is water make-up for our floor soap station.

Soap recycling

- Soap concentrate is used in one plant (Forging) used soap is brought back to soap station for recycling. Soap is captured and “cleaned” then additive is added to clean other 2 plants, which is brought back to soap station for recycling again.

Soap Recycling Station



What's next ?

- Graphite/Water separation
- 2011 NTN “cracked” 21,000 gallons of graphite.
- I expect to reduce graphite hauling by 50% in 2012, which equals around \$250,000.00 in savings.

Questions ?

