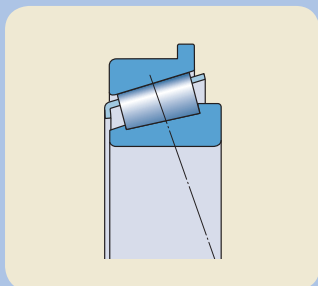
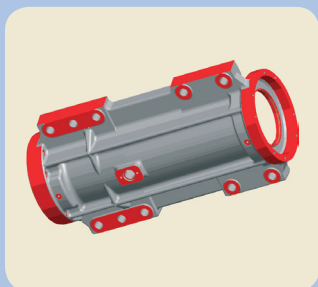
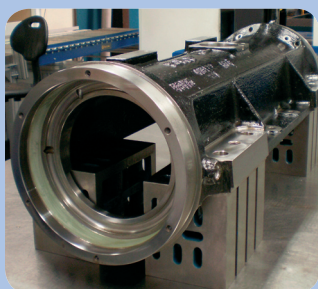


INSOCOAT tapered roller bearings for suspension tubes



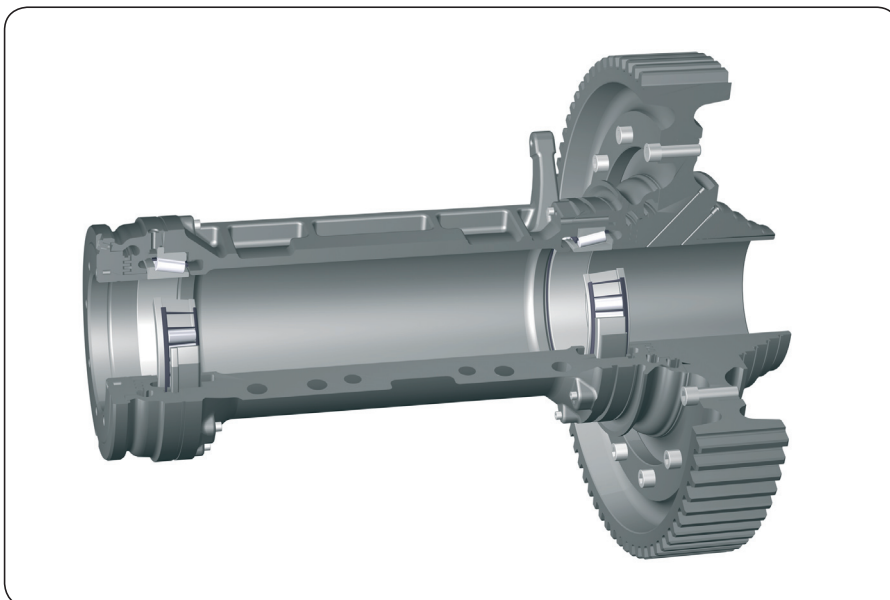
Customer benefits

- two functions in one solution:
 - bearing function
 - electrical insulation
- premature bearing failures caused by stray electric currents are eliminated
- increased machine uptime
- reduced maintenance costs
- economical solution
- increased reliability



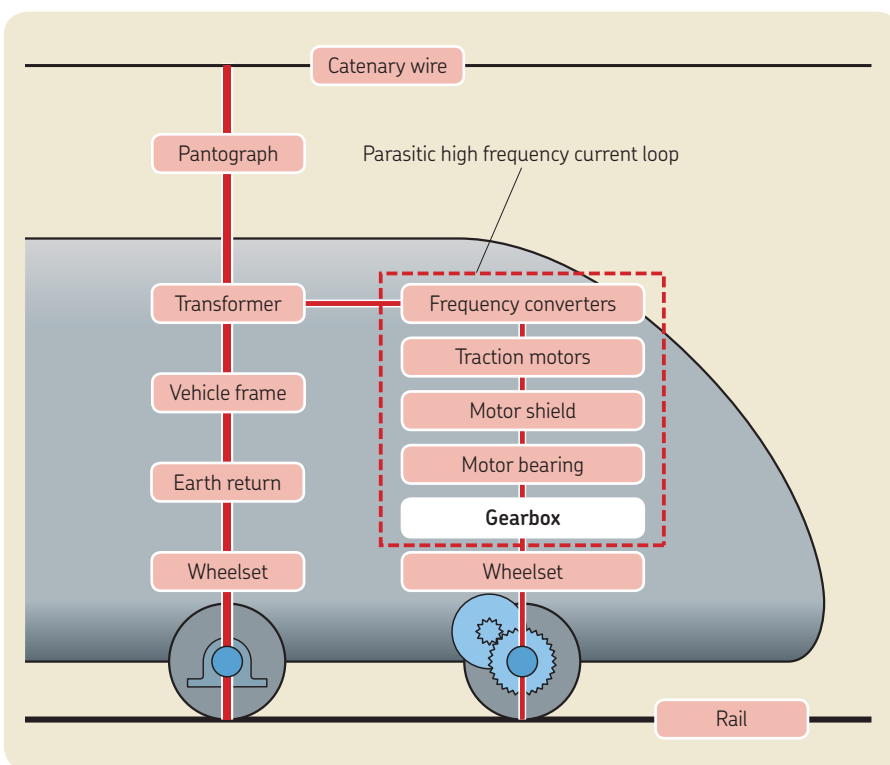
INSOCOAT bearings have been developed to prevent damaging current from passing through the bearing. INSOCOAT bearings are a very cost-effective solution compared with other insulation methods. By integrating the insulating properties into the bearing, INSOCOAT bearings can improve reliability and increase equipment uptime by virtually eliminating the problem of electrical erosion.

INSOCOAT tapered roller bearings for suspension tubes in railway vehicles have an electrically insulating coating on the external surfaces of the outer ring.



Features

- Reliable electrical insulation
- Outstanding coating quality
- Easy mounting
- High load carrying capacity
- Tapered roller bearings provide a stiff and accurate arrangement
- Optimized internal design



Principle of electric current flow through the gearbox and the suspension tube

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