



PROBLEM

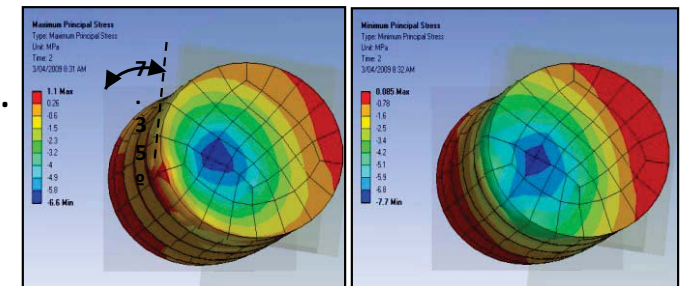
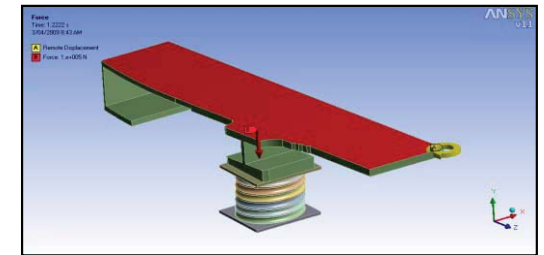
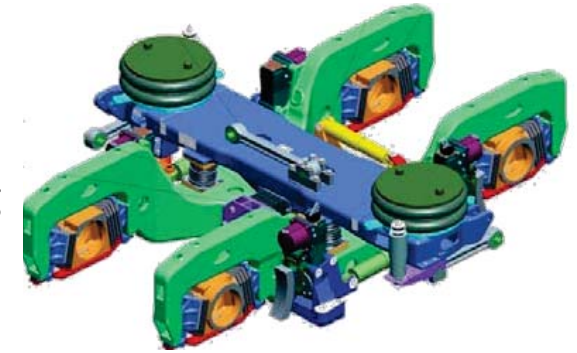
- Original pads failing prematurely due to buckling of the Side Bearer pads.
- Low buckling capacity caused vehicle to lean when entering and egressing from platform (deceleration/acceleration) leading to excessive wheel and track wear.
- Buckling caused wear and reduced performance in traction and braking components on the vehicles requiring regular inspection and frequent service and maintenance.

SOLUTION

- Pad design changed from circular to an elliptical shaped rubber profile.
- Increased the buckling load capacity of the pad while maintaining the shear capacity.

BENEFIT

- Improved buckling capacity, reducing the amount of lean of the vehicle.
- Longer expected service life with less inspection requirement.
- Lessened the adverse effect on the wheel/ track interface.



SOLVED INHERENT BUCKLING PROBLEM. SUCCESSFUL RE-ENTRY INTO MARKETPLACE.