

CASE STUDY

Excavator Lips



COMPANY

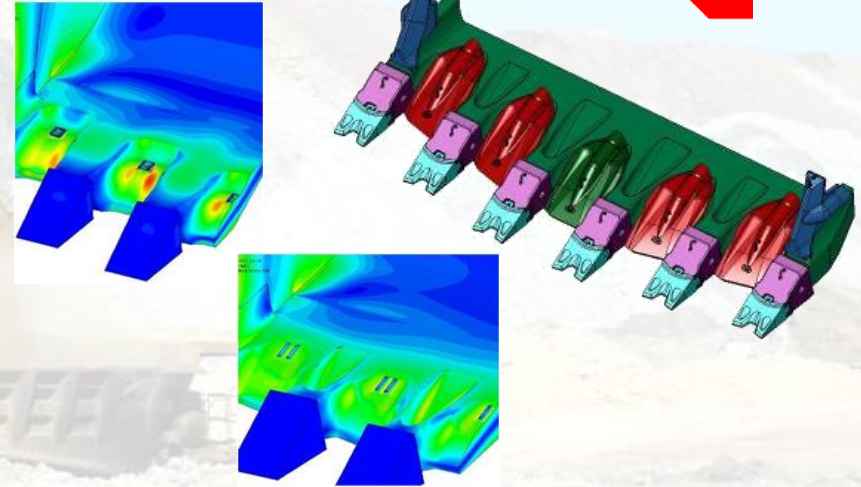
CQMS supply mining products worldwide

CHALLENGE

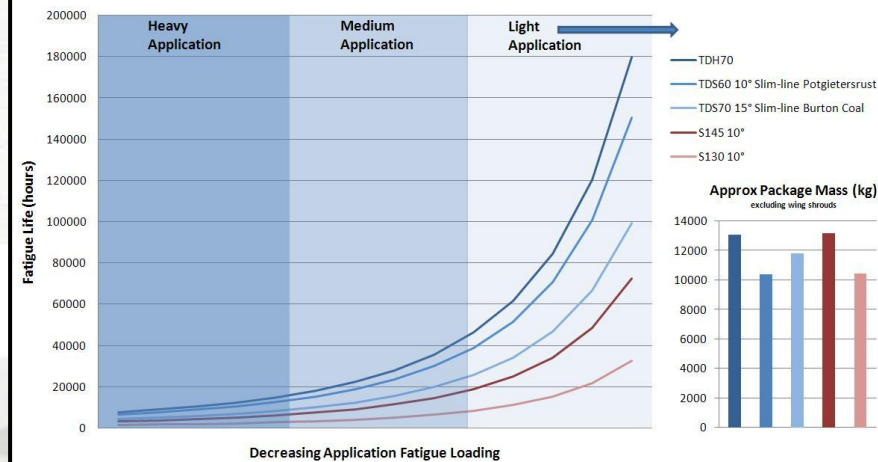
- Develop 1000t excavator lip with less machine cost, increased fatigue life
- Gain new OEM client market share over current market leader
- Improve carbon footprint end user

LC PROVIDED

- Unique lip >10% saving in sustainable product life. Managed Engineering approvals German & French OEMs through extending OEM product warranty. CQMS 40% growth.
- e.g. **Thiess 15 degree Slim line Lip R996**



Theoretical Comparative Fatigue Life for Lip Stresses



RESULT