

**Industry**

Tyre

Product

Cured tyres

Process

Inclined conveying after
curing presses and collector
belt

Save Time and Money

Ammeraal Beltech helps in Tyre Conveying

Situation

The engineering team of a global tyre company contacted Ammeraal Beltech about their problem of tyres slipping backwards on rubber top modular belts and roughtop PVC belts. This caused tyre jams and operators had to manually guide tyres onto the belt. In addition to the extra manual work, frequent belt replacement was necessary as result of a slippery belt surface and wear.

Solution

The team was initially surprised by Ammeraal Beltech's recommendation to use a felt belt, but after a small test at headquarters, a full test started in their Chinese plant. A very hard test: heavy truck tyres. After one year the line is still running properly. The felt belt has a low friction against a steel slider bed, but at the same time strongly grips the tyres. Ammeraal Beltech's NPF Felt 40 NA is now qualified as the standard for inclined conveying of finished tyres at production facilities worldwide.

Benefit

Belt life has more than doubled, resulting in a 40% reduction in annual belt spend. Other cost savings include a reduction of downtime and an efficiency increase (less manual intervention).

