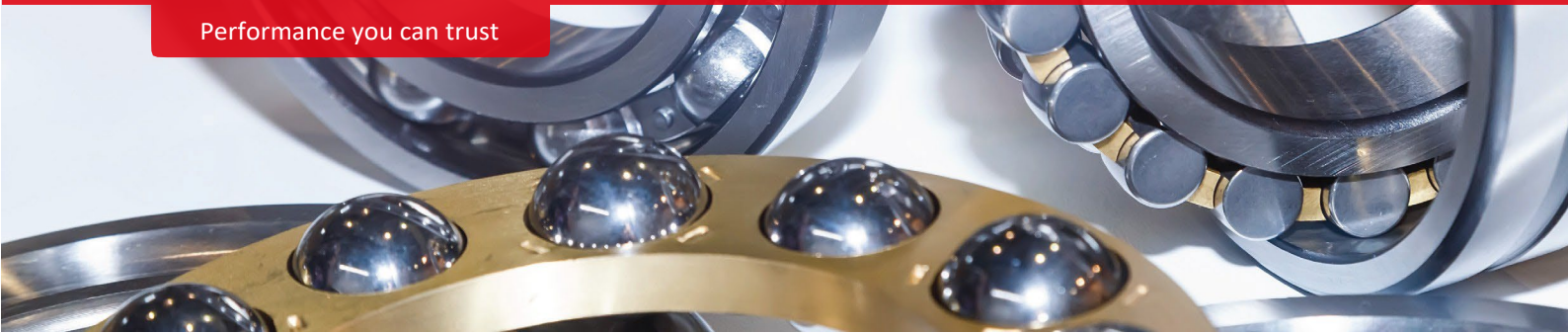


CASE STUDY: SAPPHIRE Ultra – Endurance Technologies Ltd.

Performance you can trust



CUSTOMER

Endurance Technologies Ltd - Leading automotive component manufacturer

APPLICATION DETAILS

Trolley bearings of powder coating conveyor (I BEAM CONVEYOR)

Conveyor length - Approx 450m

Conveyor speed: 1.8 m/min

Temperature - 240°C

Shifts - Working in 3 shifts, thus, the bearings are exposed to almost continuous operation

CHALLENGE

They were facing issues of grease separation and the base oil dripping on the track and the components leading to rejections.



BENEFITS

ROCOL's SAPPHIRE Ultra is a non-melting grease that does not have a drop point therefore the thickener will not separate from the oil so issues with grease dripping are eliminated.

SAPPHIRE Ultra has an excellent wide temperature range from -25°C to +280°C therefore able to deal with the high temperatures seen.

The product has an exceptionally long service life providing excellent cost-effectiveness from extended lubrication intervals, reduced downtime and reduced labour costs.

FEEDBACK

"After 4 months, we found our grease to be in good and sticky condition with the lubricating film already forming inside the balls of the trolley bearings. Since then, we've had no dripping issue thus giving us a cost saving of almost 50%, saving around £1500 a year!" – Sachin Agwan, Operation Head