

Technology Collaboration

Return on INVESTMENT through Liquid Tool!

RSB Transmission, a global engineering organisation, wanted to optimise its overall costs. They turned to trusted partners Blaser Swisslube for working on a solution. Read on to know more.

In 1975, two brothers—RK Behera and SK Behera—scripted the story of RSB Transmission at Jamshedpur. It has since grown into a pulsating institution with manufacturing setups at Jamshedpur, Pune, Dharwad, Chennai, Pantnagar, Cuttack, Homer (USA) and Mexico. Developing solutions ranging from design to manufacturing of aggregates and systems for varied industries, the company wanted to

Source: Blaser Swisslube India Pvt Ltd



A view of RSB Transmission's shopfloor.

optimise its overall costs.

Optimisation plan

Blaser Swisslube, one of its trusted partners, was called in to come up with a plan to help bring up a solution. The team from Blaser India studied the company's full machining process and came up with a process map to make improvements with the 'Liquid Tool proposition'. A few machines were identified for the test. On completion, the productivity of the machining process was improved in the range of 2–18 percent, resulting in a saving of 1.5 million per annum.

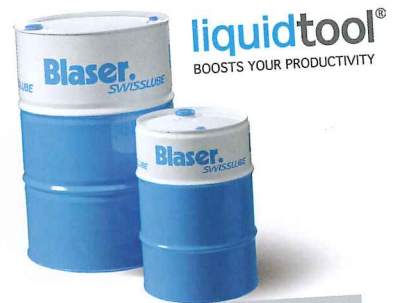
A new outlook

Owing to the use of Blasocut emulsion component rejection on account

of corrosion was also eliminated. With the results attained, RSB Transmission is immensely satisfied with the extensive support being received from Blaser Swisslube's world class laboratory for monitoring of its centralised coolant systems.

Brining in change

The area of Metal working fluid has often been neglected; however, this has been completely turned around with the Liquid Tool—a customised concept solution. Tests at customers' end have shown that there is a possibility of enhancing the tool life by 20–40 percent and to increase the productivity to the tune of 8–15 percent by bringing in the holistic view with Liquid Tool and joint working.



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RESULTS

- Lowering the overall machining costs
- Improving machining processes in the range of 2 to 18 percent
- Resulted savings ₹1.5 million per annum



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