

METALWORKING FLUIDS



Blaser Swisslube
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Unleashing the Liquid Tool

Blaser Swisslube could help Dantal Hydraulics maximize its profitability of machines and tools with its liquid tool Synergy 915 coolant despite it costing much more than what the company earlier used.

At its plant in Haryana, India, Dantal Hydraulics Pvt Ltd manufactures customized hydraulic cylinders and hydraulic systems, aircraft hydraulic service trolleys and car parking solutions. Established in 1990, the company has since then been catering to various sectors of the country including agriculture, earth moving equipment, waste management, material handling, mining, industrial applications, heavy equipment, renewable energy and defence. Dantal Hydraulics was approached by Blaser Swisslube, a globally active company in the metalworking fluid sector, that introduced its philosophy of maximizing profitability of machines and tools.



Source: Blaser Swisslube AG

Dantal Hydraulics offers complete hydraulic solutions to varied sectors in India.

A close look at parameters

“Blaser Swisslube India team explained to us in detail how they will first analyze the current machining

process and structure their testing accordingly,” says Yogesh Tyagi, Deputy General Manager, Plant Engineering, Dantal Hydraulics. “We were curious and agreed on a test on their SIERRA for almost two months,” he adds.

“We found good chances to improve tool costs and overall savings for the skiving and burnishing process,” says Sandeep Kumar Bhat from Blaser Swisslube. Based on his experience and the recommendation from the headquarters in Switzerland, the coolant Synergy 915 was selected for the given machining situation at Dantal Hydraulics. “Synergy 915 is a synthetic; water-miscible; chlorine-, mineral oil- and ester oil-free metalworking fluid and

suits perfectly for demineralized and soft water applications,” adds the Blaser representative.

Outstanding result

The results from the testing were very promising. During the test phase, the tool costs were reduced by 22 percent. This resulted in an annual tool cost saving of ₹1.33 million. Furthermore, the machine remained cleaner and the foam disappeared completely. “We are very happy with the new coolant from Blaser Swisslube, especially with the tailored on-site customer service. I was very sceptical at first. The coolant price per litre of the new Synergy 915 is 47 percent higher than our previous coolant. But the Liquid Tool solution pays for itself,” says Tyagi.

Growing symbiosis

After the first success, the Blaser coolant was used on two more machines. However, the potential has not been fully exploited yet. With Dantal Hydraulics’ plan to invest in expansion, Blaser will be at its side as a trusted coolant partner for further continuous improvements on the shop floor.

The Liquid Tool

Productivity, cost-effectiveness and processing quality are factors that depend on the selection and quality of the metalworking fluid to the highest degree. “With our extensive machining know-how, customized services and first-class products, we can help our customers to fully exhaust the potential of their machines and tools and to convert the metalworking fluid into a central factor for success – a Liquid Tool,” says Marc Blaser, CEO, Blaser Swisslube AG.