

Time is the Biggest Currency

Blaser Swisslube has been successful for years now by offering its Liquid Tool to manufacturing organizations globally, Italy-based organization Ognibene India Pvt Ltd is one such example. Read on to know more....

We have been observing the developments in the Indian manufacturing sector, which has been undergoing significant changes in accepting and demanding newer technologies much faster than a decade ago. Competitiveness in manufacturing is an ongoing discussion in almost all the companies and various forums. It is good to see the build-up of serious efforts on this topic and emergence of a holistic view on productivity in manufacturing which drives the competitiveness. Organisations and people with different set of skills are engaged

in understanding and reviewing the possibilities of handling these challenges so that the industry runs on a friction-less track with higher levels of productivity and profitability as compared to now.

There are different ways of achieving these goals

The easy and common approach is to push the manufacturing units to cut down on costs incurred in buying or spending on costs in the machinery, equipment and other peripherals used and required to manufacture various components which are necessary to produce original equipment. Our strong belief is that it is possible to achieve the limited benefits out of the above theory. We believe that it could be more interesting to change the way we look at every element in manufacturing

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Biggest Currency



Source: Blaser Swisslube AG

with an investment view. Let every element in the manufacturing sector generate Returns on Investment rather than expenditure.

Liquid Tool by Blaser Swisslube

With years of engagement with metal working operations in the manufacturing industry, Blaser Swisslube has developed the concept of Liquid Tool – A new dimension in productivity. An area of metal working

With a state-of-the-art Technology Center at its headquarters in Switzerland, Blaser Swisslube is constantly trying to explore the higher possibilities by carrying out stringent tests on new metal working solutions.



Source: Blaser Swisslube AG

fluid which was often neglected and considered as a necessary evil has been completely turned around with the Liquid Tool concept. It allows us to exploit the potential of machines and tools to a larger dimension.

Consistently high workpiece quality with minimal reworking time, longer tool life for greater machine availability & lower cycle times, processing and lead times for better return on machinery investment are the vital elements to be successful in the industry. With a state-of-the-art Technology Center at its headquarters in Switzerland, Blaser Swisslube is constantly trying to explore the higher possibilities by carrying out stringent tests on new metal working solutions which includes the surface quality of the components, tool wear patterns and possibility of making more components per unit of time. It also allows a partnership driven approach with customers by helping them improve their productivity and profitability. It is a paradigm shift in the way metal working fluids have been designed and looked at in the industry.

By developing the formulations with a promise of improved efficiency, setting higher standards in the machining quality and also contributing to the high productivity, the Liquid Tool of Blaser Swisslube is driving the possibilities to new heights in manufacturing technologies. Liquid Tool proves to be a value added concept with substance and it can contribute significantly towards the companies' objectives in machining and grinding.

Managing Director, Blaser Swisslube India, Punit Gupta stated, "Tests carried out at the customers' end have shown that there is a possibility of enhancing the tool life by 20–40 per cent and also to increase the productivity to the tune of 8–15 per cent by bringing in the holistic view with Liquid Tool and joint working. Time is the biggest currency and it is vital to follow a holistic view of considering the investments in the right direction where returns on investment directly affect the productivity and the profitability in machining processes. Liquid Tool is built on competence of the company including its people, technology driven formulations and customized services. It is possible to gain much larger benefits by having a strong trust on this approach."

Implementation by Ognibene India Pvt Ltd

In its endeavour to contribute to the manufacturing industry, Blaser Swisslube has been successful for years now by offering its



"A project was set up at our Indian facility to experience the Liquid Tool based on the Blasocut concept of Blaser Swisslube. Thanks to the leverage effect of Liquid Tool, productivity improvement was realised through cycle time reduction and with this a saving of 5 per cent to 11 per cent was achieved."

GM Production, Indian plant, Ognibene, Barilli Maximiliano

Liquid Tool to manufacturing organizations globally. In one of the projects carried out with an Italian organization – Ognibene, it was witnessed by jointly working with its proposition of possible value addition with the help of Liquid Tool; the project was honoured with a Productivity Trophy in 2016.

Founded in 1953, Ognibene is headquartered in Italy with a dedicated production of steering systems to the world's largest manufacturers of tractors, excavators, material handling equipment and other various applications. In the year 2006, Ognibene India Pvt Ltd was incorporated in Pune with a focus on world class manufacturing of steering units & hydraulic cylinders for domestic and global markets. Great attention has been given to environmental sustainability with minimal impact on the natural environment. The Ognibene India plant was undergoing some critical challenges of skin irritation, fungi on machine parts and frequent disposal of the metal working fluids. That is when they approached Blaser Swisslube to meet and overcome these challenges.

A project was set up to experience the Liquid Tool based on the Blasocut concept. A unique Bio Concept of water miscible Blasocut emulsions works in harmony with nature & remains biologically stable naturally without the need to add any bactericides. It uses a law of nature, where in normal cases an aqueous medium is colonized by bacteria. With the sophisticated Blasocut formulation we generate conditions particularly appealing



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to environmentally harmless primary bacteria. It promotes a naturally robust microbiological equilibrium that ensures long emulsion life and leaves undesirable bacteria no chance to reproduce. The primary bacteria commonly found in drinking water functions as a natural stabilizer.

As a result of working with Blaser Swisslube, the machine operators felt happy to work with Blasocut emulsion. It also helped in achieving 4-fold improvement in sump life and reducing the disposal volume by 24,000 litres. With more engagement with the customer, Blaser Swisslube looks forward for further continuous improvements in process and overall costs.

GM Production, Indian plant, Ognibene, Barilli Maximiliano said, "A project was set up at our Indian facility to experience the Liquid Tool based on the Blasocut concept of Blaser Swisslube. Thanks to the leverage effect of Liquid Tool, the teams of Ognibene & Blaser worked together to realize productivity improvement through cycle time reduction and with this a saving of 5 per cent to 11 per cent was achieved."

In conclusion

The leverage effect of Liquid Tool requires the manufacturing industry to follow a holistic approach on the metal working processes. It has potential to contribute positively in five elements of the productivity pentagon i.e., machine tools, cutting tools, materials, processes & human by joint working and methodical analysis. **MMI**