



EUROPEAN ENGINEERING COMPONENT MANUFACTURER SELECTS CASTROL ALUSOL SL 51 XBB



**IMPROVED
CLEANLINESS**



**REDUCED
COOLANT
CONSUMPTION**



**RUST
ELIMINATED**

THE SITUATION

An European engineering company, machines different materials – including lead steel, aluminium alloy and stainless steel – in its automatic turning segment. It uses several single-machine tools, with a total volume of 10kl.

The company was using a leading competitor's product across all its machining operations, including turning, tapping and reaming. The water quality is between 12 and 20°dH.

The Company was experiencing hydraulic oil pollution, foaming, rust on its lead steel and high coolant consumption. It was also looking to improve the working environment for its operators, improving cleanliness, and reducing grease and oil deposits.

THE BENEFITS

By using Castrol Alusol SL 51 XBB, the company:

- Achieved the same machining performance it enjoyed with the previous product
- Improved the cleanliness and safety of its inside-machine working areas
- Eliminated foaming and rust on its lead steel
- Reduced its coolant consumption by 20–30%

THE SOLUTION

The company's existing metalworking fluid was boron- and biocide-free, and multifunctional, so Castrol was keen to propose a solution that also delivered these benefits.

We recommended Castrol Alusol SL 51 XBB – a milky, boron- and biocide-free soluble metalworking fluid – which the company ultimately selected. This choice has since proven to not only meet, but also exceed, the company's needs.

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IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.

 **ALUSOL XBB**