

THERE IS A DIFFERENT APPROACH TO SYSTEM MAINTENANCE

PRODUCTIVITY WITHOUT COMPROMISE



When producing precision components for the automotive, machinery and fabricated metal goods industries, there are many demands and challenges. It is a daily requirement to hit increasingly high production targets, deal with pressure to refine schedules and reduce downtime.

Manufacturers are forced to make a choice, which often results in a compromise on a daily basis.

- Performance balanced with the need for anti-bacterial treatments
- Biocide use balanced with health and safety requirements
- pH stability balanced with fluid maintenance

Castrol's experts have been working to help combat these conflicting challenges to enable you to manage your cutting fluid maintenance without compromising overall performance. Castrol has formulated **Castrol® Alusol® SL 51 XBB** – a unique technology which is boron and biocide free and ensures:

Productivity for longer

- Stable fluid with pH control technology
- System cleanliness and less waste

Fewer interventions

- Less fluid top-up
- Eliminates or reduces biocide use
- Less manpower

Precision performance with stability

- Lubricity – tool life, surface finish
- Reduced scrap

 **Castrol**
ALUSOL® XBB

PRODUCT ADVANTAGES

- Boron free to meet boron free waste requirements
- Chlorine, formaldehyde releasing agent and nitrite free which may help you to fulfill aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded
- Extended fluid life can help reduce maintenance and machine downtime
- Low foam in recommended water conditions
- Lubrication package designed to enhance tool life and improve surface finish on aluminum machining.
- Good wetting properties can help reduce coolant drag out and help deliver cleaner machine tools and components
- Suitable for a wide range of materials and applications provides opportunity for product consolidation

PRODUCT APPLICATION

CASTROL® ALUSOL® SL 51 XBB

Application	Cast iron	Low-medium alloyed steel	High alloyed stainless steel	Aluminium alloys	Magnesium alloys	Yellow metals
Grinding		•	•	•		•
Milling and Turning (general machining)	•	••	••	••		•
Drilling	•	••	•	••		•
Reaming and tapping	•	••	•	••		•
Broaching	•			••		•

- Possible application, please consult Castrol prior to use
- Suggested core application

Castrol Alusol XBB delivers Precision Performance in Aluminium Machining without compromising your productivity.

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