

CONTROLLING PH JUST GOT EASIER

PRODUCTIVITY WITHOUT COMPROMISE



Ferrous alloys, like cast iron, are robust materials that can corrode and often cause difficult and costly problems. Leaching of alloy components and bacterial growth can lead to instability in fluid emulsion.

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® Hysol® SL 35 XBB** – a unique technology which is boron and biocide free and ensures:

Productivity for longer

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

Fewer interventions

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

Precision performance with stability

- Lubricity – tool life, surface finish
- Reduced scrap

 **Castrol**
HYSOL® XBB

PRODUCT ADVANTAGES

- Extended fluid life can help to reduce maintenance and downtime
- Low foam in recommended water conditions
- Excellent anti-corrosion properties to protect machine tools and parts
- Good wetting properties can help to reduce coolant drag out and help deliver cleaner machine tools and components
- Boron free to meet boron free waste requirements where applicable
- Chlorine, formaldehyde releasing agent and nitrite free which help you to fulfil aspects of legislative requirements and waste treatment requirements where applicable

PRODUCT APPLICATION

CASTROL® HYSOL® SL 35 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 Hysol XBB delivers long lasting fluids for system stability without compromising your productivity.

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