Product Data

Hysol SL 37 XBB

High performance semi-synthetic soluble metalworking fluid

Description

Castrol Hysol™ SL 37 XBB is a high performance semi synthetic metalworking fluid formulated without boron and biocides. It contains an additive package that may help to enhance machining performance and surface finish. It also provides excellent product stability which helps to lower the overall operational costs.

Hysol SL 37 XBB is suitable for large central systems and single sump machines.

Application

Hysol SL 37 XBB is especially designed for steel and aluminum alloys machining.

ü ü suggested core application ü possible application, please consult Castrol representative prior to use

	Cast Iron	Low-medium alloyed Steel	High alloyed - stainless steel	Aluminium alloy	Yellow metals
Grinding	ü	ü	ü ü	ü ü	
Milling, Turning (general machining)	ü	ü	ü ü	ü ü	
Drilling	ü	ü	ü ü	ü ü	
Reaming, Tapping	ü	ü	ü ü	ü	
Broaching	ü	ü	ü ü	ü	

Advantages

- Formulated without formaldehyde releasing agent and boron which help you to fulfil aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded
- Extended fluid life can help to reduce maintenance and downtime
- Low foam in recommended water conditions (see details below)
- Lubrication package designed to help enhance tool life and improve surface finish on steel machining
- Good wetting properties can help to reduce coolant drag out and help deliver cleaner machine tools and components

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Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

-	Unit	Test Method	Value
Concentrate			
Appearance	-	Visual	Amber
Mineral oil content	Wt%	Calculated	32
Emulsion			
Appearance	-	Visual	milky
pH (5%)		DIN 51361 ASTM E70-97	9,4
Refractometer Factor			1,1

Subject to usual manufacturing tolerances.

Recommended Concentrations

Grinding	5- 7%
General Machining	5- 8%
Drilling	7-10%
Reaming and Tapping	7-10%
Broaching	8-10%

Water range: 50-800 ppm $CaCO_3$

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

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