

## Product Data

# Castrol Hysol<sup>®</sup> X

Non Foam, EP Soluble Cutting Fluid

### Description

**Castrol Hysol<sup>®</sup> X** is a chlorine free and long life soluble cutting fluid. It is specifically formulated to operate in soft waters, giving excellent performance without any foaming tendency.

**Castrol Hysol<sup>®</sup> X** gives remarkably fine cutting performance and surface finish, especially with multi-tool CNC machines. Easily emulsified, it ensures the cleanliness of machines and a good working environment.

### Performance Benefits

- Suitable for a wide range of materials and machining operations.
- Very low foam even in high pressure systems of more than 70 bars.
- Good corrosion preventive and non-staining.
- Good surface finish and extended tool life.
- Exceptional emulsion stability and long coolant life.
- Operator and environmental friendly - free from chlorine, nitrites and phenols.

### Recommended Applications & Dilution

**Castrol Hysol<sup>®</sup> X** is suitable for a wide range of machining operations, including creep feed grinding, and for work on aluminium alloys, steel and cast iron.

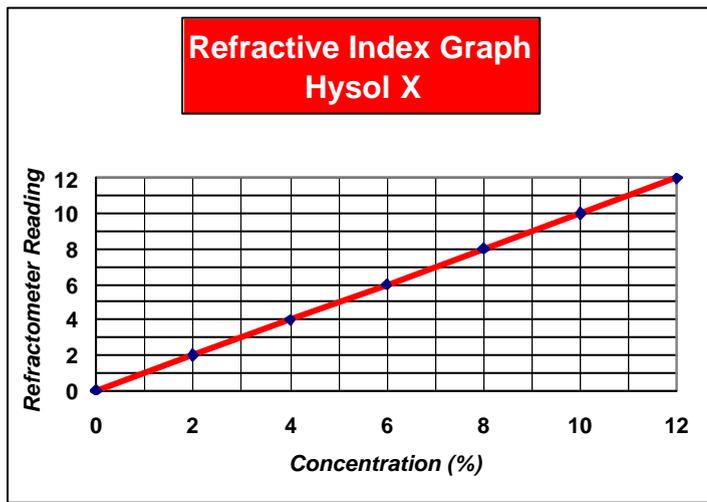
Material	Alloy Steels	High tensile & Stainless Steels	Aluminium Alloys
<b>Operation</b>			
<b>General Machining</b>	4 - 6%	5 - 10%	6 - 10%
<b>Tapping, Reaming &amp; Broaching</b>	5 - 10%	6 - 12%	8 - 12%
<b>Grinding</b>	4 - 6%	5 - 8%	5 - 8%

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## Typical Characteristic

Castrol	Hysol <sup>®</sup> X
Appearance of Concentrate	Amber
Appearance of Emulsion	Milky
Density @ 20°C	0.966
pH of Emulsion @ 5%	9.0
Chlorine	Nil
Nitrites	Nil
Refractive Index	1.0



All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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