



Product Data

Castrol Hysol T 15 E

High performance semi-synthetic metalworking fluid

Description

Castrol Hysol™ T 15 E is a high performance chlorine free semi-synthetic metalworking fluid. It contains a unique additive package that works in synergy to enhance machining performance and surface finish, provide excellent product stability, improve bio-resistance properties and lower the overall operations costs.

Castrol Hysol T 15 E is suitable for large central systems and single sump machines.

Application

Castrol Hysol T 15 E is especially designed for machining of cast iron and low-medium alloyed steel.

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

Advantages

- Chlorine and nitrite free to fulfill your local legislation, waste treatment and environmental requirements
- Resists fungal and bacterial attack to extend fluid life and reduce maintenance and machine downtime
- Low foam in recommended water conditions
- Good anti-corrosion properties to protect machine tools and parts
- Advanced lubricity compounds ensure improved tool life and part quality
- Excellent wetting properties reduce coolant drag out and deliver clean machine tools and components

Typical Characteristics

Data	Test Method	Unit	Value
Appearance	Visual	--	Yellow
Mineral oil content	Calculated	Wt%	33
Appearance Emulsion	Visual	--	Translucent
pH (5%)	DIN 51369	--	9.4
Refractometer Factor		--	1.4

	Boron	Formaldehyde releasing agent	EP-Ester	Amines	Chlorine
Additives	✓	✓	-	✓	-

Recommended Concentrations

Grinding	4-6%
General Machining	5-7%
Drilling	6-8%
Reaming and tapping	6-8%
Broaching	6-8%
Water range	3-20° dH

Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress.

Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always.

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

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BP Europa SE – Industrial Lubricants & Services, Erkelenzer Str. 20, 41179 Mönchengladbach

Tel: +49 (0)2161 909-30 Fax: +49 (0)2161 909-481

www.castrol.com