



Hysol MB 20

High performance semi-synthetic metalworking fluid

Description

Castrol Hysol™ MB 20 is a high performance chlorine and formaldehyde releasing agent free semi-synthetic metalworking fluid. It contains an 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.

Hysol MB 20 is suitable for large central systems and single sump machines.

Advantages

- Formaldehyde releasing agent free to comply with health and safety regulations
- Chlorine and nitrite free to fulfill your local legislation, waste treatment and environmental requirements
- Extend fluid life and reduce maintenance and machine downtime regarding good anti-microbiological performance
- Low foam in recommended water conditions
- Excellent 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

Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	Visual	CN-TM-007	Clear to Slt hazy amber liquid
Appearance of Dilution	Visual	CN-TM-027	Semi-translucent
Specific Gravity @ 15C	-	CN-TM-084	0.987
pH, DI water	-	CN-TM-069	9.4

Recommended Concentrations

Grinding 4 – 5%
Machining 5 – 8%

Water range 100-600 ppm CaCO₃

Concentration Control

% Concentration	Refractometer Reading
3.0	1.8
5.0	2.9
7.0	4.1
10.0	5.9

Additional Information

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

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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