

Castrol® Hysol® Series

High performing, long-life coolants suitable for ferrous alloys and aluminum machining

Hysol® MB series are the best-selling, highest volume coolants sold by Castrol® due to their all-around performance and overall value. They are designed for multi-metal compatibility, excellent tramp oil rejection and outstanding bio-stability that provides a very long sump life. Operator acceptance is also very high, as these fluids form stable, translucent emulsions with very mild odor.

Several options are available to match specific performance requirements.

Product advantages:

- Delivers consistent, high-quality finish for cutting and grinding across multiple manufacturing processes
- Long fluid life helps reduce maintenance with fewer interventions and less downtime
- Excellent anti-corrosion properties protect machine tools and parts
- A wide tolerance to water harnesses helps avoid foaming to maintain production line cleanliness
- Resilient additive technology provides pH stability against bacterial growth and contamination

What our customers say about Hysol® MB 50:

- Run a shop on a single coolant for milling, drilling, tapping, boring and reaming of multiple grades of aluminum and stainless steel
- Eliminate the need for de-foaming additives
- Eliminate the need for a centrifugal filtration system
- Improve machine cleanliness and increase operator acceptance
- Increase the coolant sump life and eliminate foul odors
- Reduce coolant volumes
- Eliminate staining of multi-metal parts
- Reduce scrap and rework greatly

Product Name	Performance	Typical pH Range 5% Dilution	Appearance	Refractometer Factor	Material Suitability						
					Cast Iron	Low-Medium Alloyed Steel	High Alloyed Stainless Steel	Aluminum	Titanium Alloy	Yellow Metals	Magnesium Alloys
Hysol MB 10	Light Duty	9.2-9.8	Translucent	2.1	Y	Y	C	C	C	C	N
Hysol MB 20	Medium Duty	9.2-9.8	Translucent	1.7	Y	Y	Y	Y	C	C	N
Hysol MB 50	Heavy Duty	9.5-9.9	Milky	1.1	C	Y	Y	Y	Y	C	C

Consult with your Castrol® representative.

castrol.com/industrial-us

888-CASTROL

