

MAGCOOL 5841

HEAVY-DUTY SYNTHETIC LUBRICANT

MagCool 5841 is a heavy-duty, fully synthetic grinding and machining fluid. It provides a higher degree of lubricity than most other synthetics.

This product provides excellent corrosion protection for steel and aluminum, and will not cause any staining. MagCool 5841 does not induce cobalt leaching from tungsten carbide tooling.

FEATURES

- Does not contain petroleum distillates
- Safe on most metals
- Can be used in hard or soft water
- Provides good rust protection
- A heavy-duty synthetic lubricant
- Easy maintenance
- Provides excellent cooling
- Rejects tramp oil rapidly
- Compatible with tungsten carbide tooling

Consult the appropriate safety data sheet

DESCRIPTION

MagCool 5841 is a synthetic, water miscible liquid coolant for machining both ferrous and non-ferrous metals. This product is compatible with stainless steel, carbon steel, cast iron, alloys, and non-ferrous alloys.

APPLICATION

Dilutions will depend on the type of metal and severity of the operation.

Light-duty: 3-5%

Medium-duty: 5-8%

Heavy-duty: 10-12%

The dilutions are suggested as starting rates which normally assure reliable performance. Dilutions may be altered depending on the specific job or plant requirements. Always start in a clean machine that is chemical free.

TECHNICAL DATA

Appearance: green liquid

Odor: slight

pH at 1%: 8.6

Relative density: 1.04

Flash point: nil

Pour point: 0°C (32°F)

Freeze/thaw: unstable

Viscosity at 40°C(104°F): < 5 cSt

Refractive index: 2.36

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Information contained in this product sheet is indicative of production standards and does not constitute specifications. Each user is responsible to review the information in specific context of the planned use, and apply it safely using safety data sheets to ensure its compatibility with the system's components and materials.
GUARANTEE: Products sold are guaranteed against any material or manufacturing defects. Recommendations used in this product sheet are made without warranty.