

7061 SynCut™ FS Grinding Light-Medium

SynCut™ FS Grinding Light-Medium is a fully synthetic, low-foaming grinding coolant designed for use on most ferrous and non-ferrous metals. It can also help consolidate grinding and light-to-medium general machining operations into one fluid.

SynCut™ FS Grinding Light-Medium is chemically free of petroleum oil, chlorine, sulfur, nitrites, and phenols, and is designed to support long coolant life and corrosion protection.

KEY FEATURES AND BENEFITS

- Low foaming in all types of water.
- Resists troublesome scale deposits when properly used with most hard water.
- Clear solutions help operators see the workpiece.
- Excellent biostability.
- Good lubricity for light and medium duty machining.
- Low cobalt leaching.
- Can be filtered and treated tank-side, when chemically stable, to help extend coolant life.

Always add concentrate to water with agitation. Confirm the final operating concentration using a calibrated refractometer and the applicable product factor when available.

- Consult the applicable Safety Data Sheet before storage, handling, use, or disposal.
- ***Store concentrates in closed containers under clean, dry conditions in a heated warehouse. Do not freeze.***
- Protect from contamination.
- Maintain the coolant concentration within the recommended range to support corrosion control, lubricity, biological resistance, and machining performance.
- Monitor concentration, pH, tramp oil, water hardness, microbial activity, and contamination as part of routine sump maintenance.
- Use appropriate make-up procedures and add concentrate to water, not water to concentrate.
- Dispose of used coolant and waste fluid in accordance with applicable regulations and site procedures.
- ***Not for cast iron grinding.***

RECOMMENDED CONCENTRATIONS

Operation	Recommended Concentration
Grinding	20:1
General machining	10:1
Refractive Index Factor	3.17

TYPICAL PROPERTIES

Color	Amber
pH (10% in STL tap water)	Maintain 8.9 to 9.5
Refractometer Factor	3.17
Cast Iron Corrosion, ASTM D4627, 30:1	0.0