

Catalys® SynCool 5800

DESCRIPTION

Catalys SynCool 5800 fluid is a synthetic water miscible liquid coolant for machining ferrous metals. It is primarily designed to cool and lubricate the contact point of the tool and the work piece.

APPLICATION / BENEFITS

Catalys SynCool 5800 is recommended for machining a variety of metals (excluding magnesium and its alloys) where superior cooling performance is essential. This versatile product is ideal for general machining operations of light to moderate complexity, including turning, profiling, milling, and grinding.

The recommended dilution levels vary based on the type of metal and the complexity of the operation:

- **Light-duty operations:** 3-5%
- **Medium-duty operations:** 5-10%

These suggested concentrations serve as an excellent starting point and are typically sufficient for most applications. However, dilution rates can be adjusted to meet specific job requirements or plant operational needs.

Key Features and Benefits:

- Does not contain petroleum distillates
- Very low foaming tendency
- Can be used with soft or hard water
- Provides excellent rust protection
- Easy to maintain; rejects tramp oil rapidly

Product is unstable to freeze/thaw cycle; always store indoors at room temperature.

PHYSICAL PROPERTIES	Catalys SynCool 5800
Color and appearance	Green liquid
Odor	slight
PH at 1%	8,9
Refractive index	2,4
Kinematic viscosity at 40°C, cSt	< 5,0
Density at 15°C, kg/L	1,04
Pour point, °C	0

The values listed above are typical of current production, variations in these properties may occur.

AVAILABLE PACK SIZES

	Drum	Pail	Tote
Catalys SynCool 5800	07-0790-05	07-0790-10	07-0790-04

The pack sizes above are our standard pack sizes. Please communicate with us to find out formats available locally

HEALTH / SAFETY

GHS compliant English and French Safety Data Sheets are available at catalyslubricants.ca under 'Safety Data Sheets'. Keep container closed when not in use. Please refer to the SDS for safe handling information. Always take used oil and containers to an authorized collection point. Avoid discharge into the environment. As with any oil, keep out of reach of children and animals.

QUALITY

Catalys Lubricants partners with respected industry suppliers to bring you high quality products. For more information, contact your local Catalys Representative. Please ensure this product is right for the equipment by following the recommendations of the equipment operating manual.

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