



# FUMIO LUBE

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## LUBRICATING OIL

### FL FUMICOOL 794

#### GENERAL DESCRIPTION

FL FUMICOOL 794 is a low oil, semi-synthetic coolant concentrate. It is effective in general duty machining and grinding of most materials. It is an exceptionally clean fluid, and provides superior cooling, lubricity and corrosion inhibition for grinding cast iron and mild steels. This product does particularly well in machining cast iron and in centerless or cylindrical grinding applications.

#### ADVANTAGES

- Compatible with a very wide range of materials including ferrous, nonferrous and nonmetallic material
- Will run for long periods of time without adds while providing superior sump life and corrosion inhibition
- Prevents chip “clinkering” and “hot” chip hoppers when machining cast iron
- Contains no nitrites, phenols or formaldehyde releasing compounds
- Has very low carry off for low, long-term operating costs
- Easily recycled to reduce coolant purchase and disposal costs

#### APPLICATION GUIDELINES

- The working solution of FUMICOOL 794 is compatible with most other semi-synthetic and synthetic products for a “running change”. Please consult the lab for advice on specific situations.
- The minimum recommended concentration is 5%.
- Running at or above 5% offers better corrosion inhibition, tool life and sump life. However, the best concentration for your operation should be determined by on-site testing.
- FUMICOOL 794 is not recommended on reactive materials such as magnesium or zirconium.

#### TYPICAL CHARACTERISTICS

Form.....	Liquid
Color.....	Yellow/Orange
Odor.....	Mild
Flash Point.....	None to Boiling (COC)
pH Typical Operating Range.....	9.0 - 9.5

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