

PRODUCT INFORMATION

NAFFCOOL # 5000 SYN

Synthetic Coolant & Heavy Duty Machining Operations

NAFFCOOL # 5000 SYN is a heavy duty, oil free, synthetic machining fluids for steel and stainless steel alloys. This means that raw materials were chosen for their resistance to biological degradation thereby controlling the growth of bacteria and fungus. It is stable in hard water. The uniqueness of the chemistry is based on synergistic effect of various extreme pressure, lubricity, boundary film lubricants additives which are based on boron and phosphorous. It does not contain any chlorine, nitrite, phenolic derivatives, heavy metals, etc. It provides a clean, safe and pleasant working environment.

Key Performance Benefits Using This Product

- Excellent hard water stability & superior cooling
- Long sump life
- Improved tool/wheel performance
- Excellent settling properties
- Excellent wetting properties & rust inhibition

Physical Characteristics

Appearance of concentrate	:Light Blue Liq.
Appearance of diluted solution	:Clear Emulsions
pH of concentrate	:10,2 ±0,2
pH of 5% solution	:9,2 ±0,1
Specific gravity	:1,15±0,015
Hard water stability	:Excellent
Flash Point, °C	: none

Recommended Dilution

This product is recommended for machining operation of steel, alloy steel, stainless steel, bronze, vanadium, inconel, cast and nodular iron tool steel, etc.

Other machining operations like milling, drilling, turning, boring, sawing, tapping threading and reaming use at 10:1 to 20:1 ratio.



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