

PRODUCT DATA SHEET



NAFFCOOL NS # 400

Soluble Oil Coolant for Heavy Duty Machining Operations

NAFFCOOL NS # 400 is water soluble cutting- coolant for heavy duty machining operations for steel and stainless steel alloys. This product is formulated to be stable in 1000 ppm water hardness and providing resistance to biological degradation. The uniqueness of the chemistry is based on synergistic effect of various extreme pressure, lubricity, boundary film lubricant additives, polymer and surfactant. This product does not contain any chlorine, sulfur, nitrite, phenolic derivatives and heavy metals. It provides a clean, safe and pleasant working environment.

Benefits

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

Physical Characteristic

Appearance of concentrate	Brown Liquid
Appearance of diluted solution	Milky white
pH of 5% solution (20:1 dilution)	9,20 ±0,1
Specific Gravity at 15°C	1,05 ± 0,015
Hard water stability	Excellent

Recommended Dilution

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

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

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