

PRODUCT DATA SHEET



NAFFCOOL NS # 350

Soluble Oil Coolant for General Machining

NAFFCOOL NS # 350 is general purpose machine shop coolant-lubricant recommended for machining of all metal where high degree of cooling desired. This product is particularly effective when cutting with high speed steel or tungsten carbide tools at high surface speed where heat built up may be a problem.

User Benefits

- Superior cooling
- Excellent rust protection for work piece and machines
- Long tool or grinding wheel life
- Superior surface finish
- Stable emulsion in hard water
- Protected system will not promote bacterial growth

Typical Characteristic

Appearance of dilute solution	Milky white
pH of 5% solution (20:1)	9,0 ± 0,2
Specific gravity	0,867
Hard water stability	Excellent
% Active sulfure,chlorine,heavy metal, nitrite,phenolic derivatives, etc.	None

Application

Generally a water to oil mix ratio 20:1, satisfies most requirements although ratio of 10:1 as high as 40:1 may be used.

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

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