

NuCool – SYNTHETIC Misting Coolants

NuCool: 100% Synthetic Fluids Non-Hazardous and Biodegradable

Applications: NuGeneration Technologies' **NuCool** lines of synthetic metalworking fluids are liquid OIL-FREE products designed to assist in many metal cutting and machining operations on ferrous, non-ferrous, and specialty alloys including aluminum. 100% non-hazardous, non-chlorine, non-sulfur, non-phenol and non-nitrate based fluids with propriety extreme pressure lubricants are easily disposed of.

NuCool is also specifically designed for use in all misting operations. Providing excellent surface finishes while extending tool life. Prevents Carbide Leaching.

NuCool is normally applied with Misting equipment at concentrations from 5 to 10% by volume with water.

Benefits:

- **Non-foaming**
- **High lubricity**
- **Improved tool life**
- **Hard water stable**
- **Improved sump life**
- **Excellent surface finishes**
- **Excellent corrosion protection**
- **Easily disposed of**
- **Operator friendly**
- **Mild odor**
- **Prevent carbide leaching**
- **Easy to clean off**

Typical Usage Parameters:

	NuCool
Description	Grinding
Misting operations	5-10%
Grinding	2-10%
Cutoff and Sawing	10%
Milling, Drilling, Turning	10-15%



Physical Properties:

	NuCool
pH, concentrate & pH 5%	10.6 / 10.4
Bulk Density, #/gal	8.6
Chelates	None
Solubility in water	Complete
Biodegradable	Yes
Nitrites/nitrates	No
Oil containing fluid	Oil Free

COOLANT MANAGEMENT: Send any NuGenTec Coolant from your sump into our lab for a FREE analysis. Consisting of: actual concentration, pH, Conductivity (TDS), Bacterial counts, % emulsified oil & total oil. Receive recommendations on sump life extension and coolant maintenance.

Availability: Available in 1, 5, 55 and 300-gallon containers. Bulk tank shipments also available.

Shipment: Freight classification is "cleaning compound, NOBIN – Liquid."

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-100°F.