

METALWORKING FLUIDS – NEO-SYNTHETICS

NuKut NS 74: Neo-Synthetic Fluid for a variety of metalworking applications

Applications: NuGeneration Technologies' **NuKut NS 74** is designed to assist in many metal cutting and machining operations on ferrous, non-ferrous, and specialty alloys including aluminum. 100% non-hazardous, non-oil, non-sulfur, non-phenol and non-nitrate based fluids with propriety extreme pressure lubricants are easily disposed of.

NuKut NS 74 is specifically designed for use in grinders & CNC machining centers. Acting like an oil-based fluid **NS 74** provides an "oily-like film" to machines and work pieces to protect them from corrosion. This film washes off easily with most cleaners like NuKlean HDS 3100 for easy painting and plating. **NuKut NS 74** increases tool life, sump life, improves cutting speeds and prevents corrosion both in machines and on parts. **NuKut NS 74** provides a non-hazardous easily removed corrosion resistant coating on all metals.

NuKut NS 74 can be used in moderate duty stamping & forming operations as well as roll forming. **NuKut NS 74** can be used in multi-metal operations minimizing coolant change-outs. Bio-stable formula provides for long sump life.



Benefits:

- Low/No foaming
- High lubricity
- Excellent surface finishes
- Hard water stable
- Improved sump life
- Improved tool life
- Excellent corrosion protection
- Easily disposed of
- Operator friendly
- Mild odor
- Prevent carbide leaching
- Easy to clean off

Typical Usage Parameters	NuKut NS 74
Description	CNC Machining
Grinding	2 – 4%
Cutoff and Sawing	8 - 15%
Milling, Drilling, Turning	5 - 10%

Physical Properties	NuKut NS 74
pH, concentrate & pH 5%	10.5 / 9.8
Bulk Density, #/gal	8.7
Chelates	None
Solubility in water	Complete
Nitrites/nitrates	NO
Oil containing fluid	NO
Cast Iron Chip Test	<2%

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.