



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.

