



METALWORKING FLUIDS – SEMI-SYNTHETICS

NuKut SS 303: Semi-Synthetic Fluid for a variety of metalworking applications

Applications: NuGeneration Technologies' NuKut SS 303 is designed to assist in many metal cutting and machining operations on ferrous, non-ferrous, and specialty alloys including aluminum. 100% non-hazardous, non-sulfur, non-phenol and non-nitrate based fluids with propriety extreme pressure lubricants are easily disposed of.

NuKut SS 303 is specifically designed for use in grinding & CNC machining centers. NuKut SS 303 increases tool life, sump life, improves cutting speeds and prevents corrosion both in machines and on parts. NuKut SS 303 provides a non-hazardous easily removed corrosion resistant coating on all metals.

NuKut SS 303 can be used in moderate duty stamping and forming operations as well as roll forming. NuKut SS 303 can be used in multi-metal operations so that coolant change-outs are not required. Bio-stable formula provides for long sump life.



Benefits:

- Low 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 SS 303	
Description	CNC Machining
Grinding	2 – 4%
Cutoff and Sawing	8 - 15%
Milling, Drilling, Turning	5 - 10%

Physical Properties:

NuKut SS 303	
pH, concentrate & pH 5%	9.7 / 9.4
Bulk Density, #/gal	8.6
Chelates	None
Solubility in water	Complete
Nitrites/nitrates	No
Oil containing fluid	Yes
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.

