

Light duty fluid for a variety of metalworking applications: CNC machining, drilling, grinding, honing, milling, sawing and turning. A great in-process rust preventive as well.

Applications: NuGeneration Technologies' **NuKut** lines of soluble oil metalworking fluids are designed to assist in many metal cutting and machining operations on ferrous, non-ferrous, and specialty alloys including aluminum. Non-chlorine, non-sulfur, non-phenol and non-nitrate based fluids with propriety extreme pressure lubricants allow for easier disposal over chlorinated and sulfonated products.



NuKut SO 5 economical soluble oil for light machining of all metals, best used at 10-15% by volume depending on severity of operation.

NuKut SO 5 can also be used as a light film rust preventative. Can be used from 10% to concentrate for rust protection. Water-soluble formula allows for easy cleaning with mild aqueous cleaners.

Benefits:

- **Low foaming**
- **High lubricity**
- **Excellent surface finishes**
- **Improved sump life**
- **Improved tool life**
- **Excellent corrosion protection**
- **Operator friendly**
- **Mild odor**
- **Hard water stable**
- **Easy to clean**

Typical Usage Parameters:

	NuKut SO 5
Description	Light duty Soluble oil / In process rust preventative
Grinding	2 – 6%
Cutoff and Sawing	10%
Milling, Drilling, Turning: CNC Machining	10-15%
In-process RP	10%

Physical Properties:

	NuKut SO 5
PH 5% (in RO water)	9.0
Bulk Density, #/gal	8.5
Flash point	> 400°F
Chelates	None
Solubility in water (water 1 st)	Complete
Biodegradable	Yes
Nitrites/nitrates	No
Refractive index	1
Cast Iron Chip Test	5%

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.