Technical Data Sheet

**General Direction:** MILRITE-32 offers a 97% residue-free evaporating processing oil (the residue is not visible or tangible). It complies with the stringent legislative foodstuff requirements of FDA US Regulations according to 21 CFR 178.3120. MILRITE-32 fulfils the demands on maximum lubricity and short evaporation time.

Another advantage to MILRITE-32 is its cooling ability. The fluid can be used with most materials, except for a small number of plastics. There are no known reactions of any kind associated with this product being used on any type of material.

For perfect results, MILRITE-32 should be applied like fine film. This is best achieved by using our misting units and spray heads.

**Great results at:**

* Sawing, drilling, engraving, grating, glaze turning and milling with high processing parameters and durability.
* Punching, profiling, deep-drawing and bending of colored metals, aluminum, copper and brass. Deep-drawing, bending, clinching of brass, steel, galvanized steel, powder-coated steel, coated steel and stainless steel sheets.

**Good results at:**

* Fine machining (fine grinding/finishing), hard turning, hard milling and the engraving of steel
* Processing of composite material, for example: manufacturing of printed circuit boards.
* Assembly technology
* Paper handling and wood working.

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| MILRITE-32 Parameters | Valve |
| Color : | Colorless |
| Density: | 0.797 g/cm³ (20° C) |
| Viscosity, Kinematic: | 2.0 – 2.3mm² |
| Flash Point: | >65° C |
| Boiling point/boiling range: | > 180°C |