



HPM Technologie GmbH
spraying · trickling · lubricants



Technical Data Sheet



General Direction: SENTOS V-LR3 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. SENTOS V-LR3 fulfills the demands on maximum lubricity and short evaporation time.

Another advantage to SENTOS V-LR3 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, SENTOS V-LR3 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.

SENTOS V-LR3 Parameters	Valve
Color :	Colorless
Density:	0.797 g/cm ³ (20° C)
Viscosity, Kinematic:	2.0 – 2.3mm ²
Flash Point:	>65° C
Boiling point/boiling range:	> 180°C