EPPINGER NANOLUBE
Where a small drop makes a big splash.

Thermal fluctuations during a cutting process can cause a drop in precision. Typical lubricating systems have their limitations. The Eppinger NANOLUBE system is the better solution. The thermal impact is minimized by this innovative aerosol lubrication process by cooling the active tool, guaranteeing higher precision.
EPPINGER NANOLUBE
ENSURING ACCURACY THROUGH BETTER TOOL LUBRICATION AND COOLING.

The Eppinger NANOLUBE unit pumps high pressure pulsed aerosol directly into the machine tool. Smaller than one micron droplets enter the turret and disperse as a mist into the interior of the tool holder and ultimately to the cutting edge. Therefore all moving parts are cooled and lubricated.

Increased productivity
Higher precision can now be maintained at higher rpm even in a continuous operation.

Greater Precision
The aerosol lubrication removes heat that is generated during the cutting process and it therefore reduces thermal related inaccuracies. This leads to higher precision.

Economical
The internal positive pressure of the aerosol lubricant prevents contaminants from entering the tool. This increases service life of tool and its interface coupling.

Flexible
The frequency of the spray pulse may be adjusted to reduce waste.

Contact us for detailed information regarding the Eppinger NANOLUBE. We are happy to consult with you in person.

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