

LAVISA-9000

Advanced Technology Water Soluble Semi-Synthetic MWF

Lavisa-9000 is one of our newly developed premium product, which meets all needs and expectations of modern-day precision, speed and cost effective machining. This semi-synthetic oil blended with highly refined, specially treated base oils and synthetic esters which provide extremely oxidative and thermally stable oil film during the operation. It has very good flushing and cooling properties, which renders suitable for operations like High-Speed Grinding, CBN Grinding, Drilling, Milling Turning, and Tapping on CNC's and multi tooling single or multi spindle machines. It gives best visibility of the operation due to its translucent emulsion. It is equipped with new technology extreme pressure additives and biocides that make it all purpose coolant with value for money, tool and bath life.

Features:

- Suitable for all types of operations.
- It can be used on ferrous, non-ferrous metals and its alloys.
- Suitable for both centralized and individual machines.
- Keeps the internal machine area clean and well lubricated.
- No chip-to-chip adhesion, good carry over
- Effective to microbial resistance.
- Cost effective in terms of its bath and tool life.

CHEMICAL & PHYSICAL PROPERTIES

TEST PARAMETERS	SPECIFICATIONS
Density @25° C	0.92 ± 0.03
Thermal Stability @50° C ± 2 FOR 15 HRS.	Passes Test
Freezing Test @ 0° ± 2 C FOR 15 HRS.	Passes Test
pH OF 5% EMULSION	9.0 ± 0.2
Copper Strip Corrosion Test	Passes Test
Cast Iron Corrosion Test (Herbett Test)	Passes Test
Recommended Dilution	1: 20