

VELGRIND 120



“VELGRIND 120” is a high performance water soluble metal grinding fluid. It is based on a zero oil content formulation and is fortified with special rust-preventive additives. It is used for grinding and other high speed operations.

FEATURES

- The product is blended with Special rust preventive additives.
- It provides high cooling rate along with good lubricity.
- It is compatible with hard water till 800 ppm

Benefits

- Outstanding Cooling Properties.
- Excellent Emulsion stability.
- Superb Hard water compatibility.
- Good Rust preventive properties.

CHARACTERISTICS

- Good Lubricity
- High Cooling rate
- Excellent rust preventive properties.

APPLICATIONS

The product is recommended for grinding as well as other high speed operation where operating pressure is 30-35 kg/cm² and operating speed is 80-85 RPM.

TESTING SPECIFICATION

Appearance	Translucent
Colour	Green Fluorescent
Copper Strip Corrosion 3hrs @100 °C max	Not worse than 1
Cast iron Corrosion	0/0-0
Emulsion Stability @ 24 Hrs	Passes
Kin Viscosity at 40 °C CST	4
Low Temperature Stability	Up to – 10 °C
Boiling Point	130 °C
Specific Gravity	1.030-1.040
Rust Test with 2% solution	Passed
Foaming test	Passed
Refractive index	19% abs
pH with 1% solution	8.5-9.5
Active Matter	50%
Hard water compatibility test	Up to 800 ppm