



LUBRICANTS



# Product Data Sheet

## Grindol SLV

### Full Synthetic Grinding Fluid

Low mist, high performance synthetic PAO (polyalphaolefin) based grinding oil specially developed to reduce heat build-up, keep grinding wheel clean while producing a great surface finish. It is ideal in applications with heavy stock removal such as grinding high-speed steel, carbide grinding, various ceramics and high carbon steel. It is based on a unique blend of friction reducing additives and ultra-light synthetic oil of the highest quality that provides excellent surface finish to the workpiece. Due to its low viscosity, chips and grinding swarf readily settle and “product carry-off” with the chips is minimized.

### Features and Benefits

- Longer Wheel Life
- Anti-Rust Properties
- High Degree of Filterability
- Excellent Heat Dissipation
- Reduced Grinding Temperatures
- Low Misting
- Improved Low Temperature Performance
- Effective Carbide Grinding and Hardened Steel

### Applications

Chlorine-free, which can help make disposal easier and reduce disposal costs. Non-staining formulation can be used on both ferrous and non-ferrous metals. Designed for high speed surface grinding and honing. **Grindol SLV** is light colored for close observation of the work piece and can also be used as the dielectric fluid in Electro-Discharge Machining (EDM) applications.

### Typical Properties

Product Code	Test Method	335392
Appearance		Light Amber
Specific Gravity, 60°F	ASTM D 4052	0.81
Viscosity, cSt @ 40°C	ASTM D 445	5.5
Flash Point, COC, °F	ASTM D 92	320
Dielectric Strength, kv	ASTM D877	28
Sulfur and Chlorine		Nil

*\*Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.*

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