

## Oil Pro & Oil Pro Light Grinding Coolant Specification Sheet

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### Product Overview

Oil Pro and Oil Pro Light are premium oil-based grinding coolants designed to enhance performance in high-precision grinding applications. Formulated for use with diamond and CBN grinding wheels, these coolants provide excellent lubrication, thermal stability, and extended tool life.

- **Oil Pro:** High Lubricity and Higher viscosity option.
- **Oil Pro Light:** High Lubricity and Lower Viscosity option.

### Key Benefits

- **Exceptional Lubrication** – Reduces friction and wear, ensuring smoother grinding operations.
- **Enhanced Surface Finish** – Lowers friction, producing higher precision and quality in finished parts.
- **Low Mist & Smoke Formation** – Ensures a cleaner working environment for operators.
- **Corrosion Protection** – Protects both grinding machines and workpieces from rust and oxidation.
- **Optimized for Various Materials** – Ideal for carbide, hardened steels, superalloys, quartz and crystal grinding.
- **High Flash Point & Non-Hazardous** – Easier to work with than traditional kerosene-based fluids.
- **Compatible with Filtration & Centrifuge Systems** – Can be filtered down to 1 micron range without losing performance.

## Application & Usage

- Works efficiently in both individual grinding machines and central coolant systems.
  - **Oil Pro** is recommended for demanding applications requiring better chip removal and higher thermal stability
  - **Oil Pro Light** is ideal for applications where lower viscosity is preferred for better cooling and better filtration.

## Technical Specifications

Property	Oil Pro Light	Oil Pro
Viscosity (cSt @ 40°C)	6.0	10.0
Viscosity (SUS @ 100°F)	45	61.0
Flash Point (°F, Min.)	265	295
Pour Point (°F, Max.)	-50	-50
Color (ASTM Standard)	L0.5 / Clear Amber	L0.5 / Clear Amber
Sulfur Content (%)	0.0	0.0
Chlorine Content (%)	0.0	0.0
Fat Content (%)	0.0	0.0
Aromatics (%)	<1.0	<1.0
Copper Corrosion (3 hr @ 212°F)	1A (None)	1A (None)

## Ordering Information

Available shipping options:

- **5-gallon pails**
- **55-gallon drums**
- **275-gallon totes**

## Why Choose Oil Pro & Oil Pro Light?

For precision grinding applications requiring superior lubrication, thermal control, and extended tool longevity, Oil Pro and Oil Pro Light offer unmatched performance. Their high flash points, non-hazardous composition, and compatibility with filtration systems make them ideal choices for demanding grinding environments.

For more information or to place an order, contact us at:

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