



# AVYOL SPINDLE OILS

## (Lens & Lightweight Oils)

Avyol Spindle Oils are ultra-low viscosity oils for high-speed spindles, textile machinery, and precision bearings. They reduce drag, resist oxidation, and keep systems clean in sensitive applications like lens grinding and CNC machines.

### Performance Highlights

- Very low viscosity for high-speed operation.
- Excellent oxidation stability and cleanliness.
- Anti-foam, rapid air release.
- Protects precision bearings and textile spindles.

### Typical Specifications (ISO VG 10 as example)

Property	Value / Limit	Test Standard
Kinematic Viscosity @ 40 °C	10 mm <sup>2</sup> /s ± 10%	ASTM D445
Viscosity Index	≥ 95	ASTM D2270
Flash Point (°C, COC)	≥ 180	ASTM D92
Pour Point (°C)	≤ -6	ASTM D97
Rust Protection	Pass	ASTM D665

# AVYOL SLIDEWAY OILS

## (Anti Stick-Slip Lubricants)

Avyol Slideway Oils are designed for machine tool slideways and guides. Their strong film and tackiness additives prevent stick-slip, chatter, and wear, ensuring smooth, accurate machining.

### Performance Highlights

- Prevents stick-slip and chatter.
- Strong film with tackiness additives.
- Excellent rust and wear protection.
- Compatible with water-based cutting fluids.

### Typical Specifications (ISO VG 68 as example)

Property	Value / Limit	Test Standard
Kinematic Viscosity @ 40 °C	68 mm <sup>2</sup> /s ± 10%	ASTM D445
Kinematic Viscosity @ 100 °C	~8.7 mm <sup>2</sup> /s	ASTM D445
Pour Point (°C)	≤ -40	ASTM D97
Flash Point (°C, COC)	≥ 200	ASTM D92
Miscibility with Refrigerants	Compatible	Internal QC
Rust Protection	Pass	ASTM D665

