



Tire Spindle Lubricant

Airable Tire Spindle Lubricant is a water-soluble, highly concentratable friction-reducing lubricant engineered for tire testing applications. Formulated to deliver superior friction performance at significantly lower solids content, it reduces operational costs while enabling faster application and cleanup with no additional equipment.

PERFORMANCE

The Tire Spindle Lubricant was evaluated against commercial standard lubricants under identical testing conditions at recommended ready-to-use (RTU) concentrations. At 1.5% solids, the formulation achieved a coefficient of friction of 0.19, outperforming the commercial competitor's coefficient of friction of 0.21 at 10% solids. This efficiency advantage, achieving better friction reduction with ~ 7x lower solids content, delivers measurable cost savings without performance compromise.

The formulation provides:

- Superior friction reduction at significantly lower dilution rates
- Instant room-temperature dilutability with no heating required
- Ready-to-use application without equipment modifications

KEY ATTRIBUTES

- 85% cost reduction at RTU formula compared to commercial competition
- Water-soluble for fast, easy cleanup
- Formulated with biodegradable components
- Non-toxic, non-corrosive, non-flammable
- 0% VOC

PROPERTIES

RTU Solids Content	15%
Coefficient of Friction (RTU)	0.19
Pour Point	< 0°C
VOC Content	0%
Viscosity @ 20°C (50x concentrate)	100 cSt
Viscosity @ 40°C (50x concentrate)	50 cSt
Biobased Content	36%
Appearance	Transparent Liquid