

PRODUCT INFORMATION



Powers-All Hi-Spin Oil

DESCRIPTION: Powers-All Hi-Spin Oils are a series of light colored, low viscosity oils for the lubrication of high speed spindles. They are high quality lubricants that eliminate spindle sticking and are non-corrosive to metals. Each viscosity grade is fortified to reduce wear and is inhibited to prevent corrosion and rust of lubricated parts. Powers-All Hi-Spin Oils, when lubricating high speed machine tool spindles, are designed to hold power and maintenance costs to a minimum.

- BENEFITS:**
- Air line oilers (Hi-Spin 10 & 22)
 - Excellent rust and corrosion protection
 - ISO 2 is recommended for “zero clearance” high-speed spindle bearings
 - Used in equipment where high speeds and fine tolerances are experienced
 - Textile industry where oil does not contact fabrics or staining is not an issue

APPLICATIONS: Powers-All Hi-Spin Oils provide excellent resistance to foaming and good air-releasing characteristics, and separate readily from water. These oils have been used effectively to lubricate textile equipment and machine tools where the original equipment manufacturer recommends this type of lubricant. Oil may be applied by misting, drop feed, force feed, wick feed, as well as hand and reservoir. In bearing reservoir applications, these oils resist oxidation and deposit formation under long term service.

Typical Properties:

Powers-All Hi-Spin Oils

ISO Viscosity Grade		2	5	10	22
Product Code	Test Method	PA335493	PA335495	PA335501	PA335522
API Gravity, 60°F	ASTM D-4052	44.8	41.4	36.4	34.0
Viscosity, cSt @ 40°C	ASTM D-445	2.1	5.0	10.0	22.0
Color	ASTM D-1500	L0.5	0.5	0.5	1.0
Pour Point, °F (max)	ASTM D-5949	-30	-10	-10	-22
Flash Point, COC, °F	ASTM D-92	196	270	335	400
Copper Corrosion	ASTM D-130	1a	1a	1a	1b

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer' recommendation for proper equipment operating requirements.*



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