

PRODUCT INFORMATION

ECOSE[®] HIGH SPIN

R&O High Speed Spindle Oils

ECOSE[®] High Spin Oils are a series of light colored, low viscosity oils designed to lubricate high speed spindles. These premium lubricants help to eliminate spindle sticking and are non-corrosive. Each viscosity grade is fortified to reduce wear and is inhibited to prevent corrosion and rust of the lubricated part. **ECOSE[®] High Spin Oils**, when lubricating high speed machine tool spindles, are designed to hold power and maintenance costs to a minimum.

FEATURES AND BENEFITS:

ECOSE[®] High Spin Oils provide excellent resistance to foaming and offer 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.

Additionally, they offer the following benefits:

- Excellent rust and corrosion protection
- Air line oilers (**ECOSE[®] High Spin 10, 15 & 22**)
- 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
- ISO 2 is recommended for “zero clearance” high-speed spindle bearings

Typical Properties*

ISO Viscosity Grade		2	5	10	15	22	32
Product Code	Test Method	535493	535495	535501	535515	535522	535532
Gravity, API	ASTM D-4052	44.8	41.4	36.4	33.5	34.0	32.8
Viscosity, cSt @ 40°C	ASTM D-445	2.1	4.2	8.8	14.5	22.0	32.1
Color	ASTM D-1500	L0.5	L 0.5	L 0.5	L 0.5	L1.0	L1.0
Pour Point, °F (max)	ASTM D-5949	-30	5	5	15	-22	-22
Flash Point, °F	ASTM D-92	196	270	335	345	406	428
Copper Corrosion	ASTM D-130	1A	1A	1A	1A	1B	1B
Total Acid Number, mg KOH/g	ASTM D-974	0.04	0.05	0.05	0.05	0.10	0.10

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

AVAILABILITY:

ECOSE[®] High Spin Oils are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.