

PRODUCT INFORMATION

# ECOSE<sup>®</sup> HIGH SPIN R&O High Speed Spindle Oils

**ECOSE<sup>®</sup> High Spin Oils** are a series of light colored and 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. **ECOSE<sup>®</sup> High Spin** spindle oils, when lubricating high speed machine tool spindles, are designed to hold power and maintenance costs to a minimum.

**FEATURES AND BENEFITS:**

**ECOSE<sup>®</sup> High 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 lubricants.

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
- 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
- Can be used where low viscosity R&O inhibited hydraulic fluid is required
- Air line oilers (ECOSE<sup>®</sup> ISO 10 & 15)

**Typical Properties**

ISO Viscosity Grade		5	10	15
Product Code	<b>Test Method</b>	535495	535501	535515
Gravity, API	ASTM D-4052	41.4	36.4	33.5
Viscosity, cSt @ 40°C	ASTM D-445	4.2	8.8	14.5
Color	ASTM D-1500	L 0.5	L 0.5	L 0.5
Pour Point, °F (max)	ASTM D-5949	5	0	0
Flash Point, °F	ASTM D-92	270	335	345
Copper Corrosion	ASTM D-130	1A	1A	1A
Total Acid Number, mg KOH/g	ASTM D-974	0.10	0.10	0.10

**AVAILABILITY:**

**ECOSE<sup>®</sup> 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.