



# Product Bulletin

## Gulfspin® R&O High Speed Spindle Oils

**Gulfspin® 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. Gulfspin® Spindle Oils, when lubricating high speed machine tool spindles, are designed to hold power and maintenance costs to a minimum.

### FEATURES AND BENEFITS:

**Gulfspin® 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
- Air line oilers (Gulfspin® ISO 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

### AVAILABILITY:

**Gulfspin® Oils** are available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).

### Typical Properties

ISO Viscosity Grade		2	5	10	15	22	32
Product Code	<b>Test Method</b>	335493	335495	335501	335515	335522	335532
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