Technical Data Sheet

SAR Lubricants

SPINDLE OILS are a range of premium quality, light viscosity lubricants developed primarily for use in various types of high-speed machine tool spindles, to effectively lubricate horizontal, vertical, bed type and turret type CNC milling machines, and for use in low pressure hydraulic systems where this type of product is specified.

APPLICATION

Designed primarily for a wide range of applications including high-speed CNC milling machines, precision grinders other machine tools, as well as high-speed needle and spindle bearings in industrial and agricultural machinery, and can also be used in low pressure hydraulic systems which specify light viscosity oils – please refer to manufacturer's handbook for correct viscosity selection. Also suitable for the lubrication of high speed needle and spindle bearings in textile manufacturing where the original equipment manufacturer recommends this specification of product.

BENEFITS

- Excellent oxidation resistance for longer lubricant life.
- Low viscosities to facilitate rapid heat reduction.
- Incorporates excellent anti-wear and anti-foaming properties.
- Outstanding rust and corrosion protection.
- Excellent hydraulic performance.

TYPICAL PROPERTIES

	ISO Viscosity @ 40^0C	ISO Viscosity @ 100^0C	Density @ 15^0C	Pour Point ^{0}C	Flash Point ^{0}C (COC)
Spindle Oil – ISO 2	2.1	1	0.806	-35	98
Spindle Oil – ISO 5	5	1.68	0.833	-29	119
Spindle Oil – ISO 10	10	2.6	0.848	-26	162
Spindle Oil – ISO 15	15	3.3	0.852	-26	180

HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.