



## Muxxol SPIN P SERIES

Muxxol SPIN P SERIES are formulated based on selective highly refined, hydro-treated base oils possessing excellent thermal and oxidation stability. These products are fortified with a special anti-wear additive along with oxidation and rust inhibition additives which reduce friction and wear happening between the moving parts.

### FEATURES AND ADVANTAGES:

- Releases air rapidly and thus ensure lubrication film.
- Excellent oxidation stability and enhanced life.
- Offers excellent rust protection for ferrous and non-ferrous metals.
- Good compatibility with most polymer sealing materials.
- Reduces power consumption in high-speed bearings and spindles.

### APPLICATION AREAS:

**MUXXOL SPIN P SERIES** is recommended for use in high-speed spindles, grinder spindles, and sewing and knitting machine spindles.

**MUXXOL SPIN P SERIES** is also recommended for plain and antifriction bearings on textile machines & centrifugal separators, positive displacement blowers, and hydraulic systems of certain machine tools. These oils effectively minimize wear under moderate to high load conditions.

### SPECIFICATION:

PROPERTIES	TEST METHOD	TYPICAL VALUES				
		P2	P5	P10	P12	P22
Appearance	Visual	Clear liquid				
Density @ 29.5° C	ASTM D1298	0.80	0.808	0.82	0.822	0.840
Kin. Viscosity @ 40° C	ASTM D445	2-3	4.5 – 6	9 – 11	11.5 - 15	19 -24
Flash point, °C, max	ASTM D92	105	125	140	155	180
Pour Point, °C, max	ASTM D97	-18	-18	-15	-12	-12
TAN Value, mg of KOH/g, max	ASTM D974	0.1	0.1	0.1	0.1	0.1
Copper Corrosion @ 100 deg C, 3 Hrs, max	ASTM D130	1	1	1	1	1

### HANDLING AND STORAGE:

**Handling:** Use oil resistant gloves & wear safety goggles.

**Storage:** Store in a cool, dry, well-ventilated place and away from direct sunlight. Store away from all incompatible materials. Keep containers closed when not in use.

**Shelf Life:** Two year from the date of manufacture if the product stored in original container, unopened and dry, in a well-ventilated location.

**PACKING:** MUXXOL SPIN P series are available in 20 ltr 50 ltr and 210 ltr barrels.

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