

PRODUCT DATA SHEET



SPINDLE OILS

PAL SPIN -10, 12, 22

These are high quality, low viscosity lubricant manufactured from solvent refined, high viscosity index base oils, having good film strength property, chemical and oxidation stability, besides excellent ability to separate from water. They provide economical bearing lubrication of high-speed textile spindle, machine tool spindles and protection from excessive wear.

These oils are blended from highly refined base stocks and carefully selected antioxidants, anticorrosion, antirust, antiwear and antifoam additives.

These oils are **recommended** for lubrication of textile and machine tools spindle bearings, hydraulic system of precision machine tools, timing gears, centrifugal separators, and positive displacement blowers.

PERFORMANCE LEVEL: IS 493 PART-II (Reaffirmed 1993) specifications.

| CHARACTERISTICS | | | | |
|-----------------|----------------------------------------|---------|-------|-------|
| S. NO. | PROPERTIES | PALSPIN | | |
| | | 10 | 12 | 22 |
| 1. | Kinematic Viscosity, cSt @40°C | 9-11 | 11-13 | 21-23 |
| 2. | Viscosity Index, min. | 90 | 90 | 90 |
| 3. | Flash Point, COC, °C, min. | 160 | 160 | 180 |
| 4. | Pour Point, °C, max. | - 3 | - 3 | - 3 |
| 5. | Copper corrosion @ 100 °C for 3 hours. | 1 | 1 | 1 |

* The specifications are subject to variations/ development / customization.

PACKING: 210L, 50L, 20L