



Product description

Spindura is an efficient performance low viscosity spindle bearing fluid formulated for use in high-speed textile machines and automatic machine tools.

With a highly refined mineral base oil formulation, Spindura contains a combination of additives to resist wear, rust and oxidation in high speed operations.

Customer benefits

- Anti-wear additives protect bearing surfaces at increased loads and operating temperatures
- Oxidation protection prevents harmful varnish and deposit formation
- Rust and anti-corrosion additives protect metal surfaces in humid conditions
- Highly refined mineral base oils and oxidation inhibitors resist oil degradation and thickening

Applications

- Textile machine spinning frame spindles
- Automated machine tools
- High speed, lightly loaded spindles, or where the use of higher viscosity oils leads to unacceptably high temperatures (ISO 10)
- Lower and medium speed spindles where higher viscosity oils are recommended (ISO 15 & 22)
- Lightly loaded high speed industrial machine bearings
- Industrial circulating oil systems
- Hydraulic systems where lower viscosity, anti-wear lubricants are recommended

Product highlights:

- Suitable for textile machines and machine tools
- Good high-speed performance
- Resists wear, rust and oxidation
- Selected specification standards include:
 - Cincinnati Milacron



Approvals and performance specifications

Performance specifications

- Cincinnati Milacron specification P-45 (ISO 22) and P-62 (ISO 10) for light spindle oils.

Typical test data

SPINDURA TEST	TEST METHODS	RESULTS	
Viscosity Grade		10	22
Product Code		540446	540448
Kinematic viscosity, 40 °C, mm ² /s	ASTM D445	10	22
Flash Point COC, °C	ASTM D92	160	210
Pour Point, °C	ASTM D97	-9	-9
Rust Test A	ASTM D665A	Pass	Pass

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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