



Dilmar Oil Company

Spindle Oil 10

Dilmar Spindle oils are low viscosity, solvent refined mineral oil blended with zinc free additives, to provide extended performance in the high speed spindles of machine tools.

- Long oil life – formulated with a rust and oxidation inhibitor package that provides high resistance to oxidation
- Reliable wear & corrosion protection – additives provide efficient anti-wear performance without reacting to the softer metals in bearings
- Main Applications – machine bearing and circulating systems that include oil lubricated plain and rolling element bearings; suitable for the lubrication of high speed spindles in machine tools
- Recommendations – designed to meet specifications requiring a premium quality, light viscosity oil for applications running at high speeds such as those found in high speed frames and automated machine tools.

Properties	Method	Typical Test Results
Viscosity Grade	ISO 3448	10
Kinematic Viscosity @ 20°C mm ² /s	ASTM D445	-
Kinematic Viscosity @ 40°C mm ² /s	ASTM D445	10
Kinematic Viscosity @ 100°C mm ² /s	ASTM D445	2.3
Density @ 15°C kg/m ³	ASTM D4052	881
Flash Point (COC) °C	ASTM D92	150
Pour Point °C	ASTM D97	-30
Rust, Salt Water	ASTM D665B	Pass
Oxidation Control Test : TOST Hrs	ASTM D943	2000+
Oxidation Control Test : RPVOT Mins	ASTM 2272	300

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