



Premium Spindle

Description

Bosse Lubricants Premium Spindle Fluids are high grade low viscosity inhibited oils designed primarily to cool spindles on machine tools. Different viscosities are available to meet the different speed requirements. Another common use is for air tools, circulation and critical hydraulic applications.

Bosse Lubricants Premium Spindle Fluids are manufactured using premium base oils and are fortified with rust and oxidation inhibitors. They are designed to separate readily from water and have low foam inhibitors as well.

Typical Applications

Bosse Lubricants Premium Spindle Fluids work well in but not limited to the following:

Machine Tool Spindle Oil

Lubricating Oil For Small Devices

Air Tool Oil

Low Pressure Hydraulic Oil(Low Viscosity)

Advantages

- ▶ Excellent Water Demulsibility Performance
- ▶ Thermal and Oxidation Stability
- ▶ Outstanding Rust Protection
- ▶ Lower Filter Blockage Tendency

Typical Physical Properties

(Not for Specification Purposes)

Characteristic	2	10	15	22
ISO Grade	2	10	15	22
Viscosity				
SUS @ 100°F	32.6	58.8	78.2	100.0
SUS @ 210°F	30.4	37.1	39.4	40.5
cSt @ 40°C	2.0	10.0	15	22
cSt @ 100°C	0.94	2.61	3.30	4.2
Viscosity Index (ASTM D-2270)	-	-	-	98
Flash Point, °C (ASTM D-92)	>125	>178	>200	>210
Specific Gravity (ASTM D-1298)	0.88	0.87	0.86	0.85
Pour Point, °C (ASTM D-2270)	-35	-15	-15	-12
Copper Corrosion (ASTM D-130)	1A	1A	1A	1A
Rust Test (ASTM D-665A)	Pass	Pass	Pass	Pass

Subject To Usual Manufacturing Tolerances

The product information and specifications contained herein have been compiled for the convenience of the user. It is intended to be used by people with technical skills. Bosse Lubricants disclaims any warranty, expressed or implied, of merchantability for any specific use, especially when such use is beyond our control. Whenever the information herein is to be used for a critical application it is the responsibility of the user to verify independently the appropriateness of its use in his application. This information is not intended as a license to operate under, or a recommendation to infringe any Bosse Lubricants patents.