



LAIJUTSU SHL- I252,I253,I254,I255,I256,I257

Product Description:

LAIJUTSU Spindle Oil is a high-quality spindle bearing oil developed for the lubrication of high-speed spindle bearings in machine tools and textile machinery.

Spindle oils are a type of low-viscosity mineral oil marketed for use in lubrication of high-speed machine spindles. Spindle oil is free from gumming properties. Since the viscosity is so low that the oil runs off the surface of the spindle during shut-down periods, the spindle oil may be doped with additives that prevent rusting. Since the spindle oil often is used in textile factories, it is also important that it doesn't stain the textiles.

Applications / Benefits:

Excellent oxidation resistance and thermal stability
Low oil consumption and turbo proven stability.
Non-staining
Protects against rust and corrosion
Protects against wear
Quick foam release

Typical Physical Characteristics

Test Description	Method	SHL-I252	SHL-I253	SHL-I254
ISO Viscosity Grade	-	2	3	5
Specific Gravity @ 15 °C	ASTM D 4052	0.782	0.788	0.806
Flash Point, °C	ASTM D 92	80	120	145
Pour Point, °C	ASTM D 97	-18	-18	-24
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	2.26	3.50	5.02
cSt @ 100°C	ASTM D 445	-	-	-
Viscosity Index	ASTM D 2270	-	-	-
Color	ASTM D 1500	<0.5	<0.5	<0.5

Test Description	Method	SHL-I255	SHL-I256	SHL-I257
ISO Viscosity Grade	-	10	15	22
Specific Gravity @ 15 °C	ASTM D 4052	0.828	0.833	0.845
Flash Point, °C	ASTM D 92	175	190	202
Pour Point, °C	ASTM D 97	-30	-21	-18
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	10.20	14.89	22.40
cSt @ 100°C	ASTM D 445	2.86	3.52	4.38
Viscosity Index	ASTM D 2270	110	116	103
Color	ASTM D 1500	<0.5	<0.5	<0.5

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from your Shinloub representative.

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.