



Shanghai PingYiao Trading CO., Ltd.

## ZEUS GUIDA

### Description

Lubricant oil specially formulated for the lubrication of the vertical and horizontal slideways of manufacturing machinery. Mineral oils obtained from a base of highly refined, viscous mineral oils and new additives, giving it its characteristic properties of adhesiveness, anti-wear, extreme pressure, and "anti-stick slip," facilitating smooth movements.

### Recommended uses

Lubricant oil specifically for waybills of manufacturing machinery.

Due to its strong lubrication and load-bearing capacity, it can be used on textile, printing or industrial machinery which is drip feed lubricated, making oil retention easier.

ISO Grades 32 and 68 are used as hydraulic fluids in systems that need lubricating in the hydraulic circuit as well as the slideways.

Suitable for high precision manufacturing machinery.

### Characteristics

Excellent for slideways, even those bearing high loads and with low speeds.

Highly rust resistant.

Particularly adhesive to metallic surfaces

Strong load-bearing capacity.

### Quality Level

ISO 6743/4 – HG (ISO 32 y 68) DIN 51524, part 2 (HLP): ISO VG 32 y 68

ISO 6743/13 – G DIN 51517, part 3 (CLP): ISO VG 220

Cincinnati Lamb P-47 (ISO 68), P-50 (ISO 220), P-53 (ISO 32)

### Technical properties

	UNITS	METHOD	VALUE	VALUE	VALUE	VALUE
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Shanghai PingYiao Trading CO., Ltd.

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ISO Grade			32	68	150	220
Density at 15 °C	g/cm <sup>3</sup>	ASTM D 4052	0.8610	0.8820	0.8930	0.8980
Viscosity at 100°C	cSt	ASTM D 455	5.6	8.8	15.6	19.0
Flash point , open glass	°C	ASTM D 92	210	220	230	230
Freezing point	°C	ASTM D 97	-12	-12	-9	-9
Copper corrosion3h at 100°C	-	ASTM D 130	1b	1b	1b	1b
De-emulsion at 54 °C (15 min)	ml	ASTM D 1401	40/37/3	40/37/3	-	-
Stick-slip ratio	-	Cincinnati Lamb	0.77	0.77	0.77	0.77
Machine 4 balls, Mark Diam.	mm	ASTM D 4172	< 0.45	< 0.45	< 0.45	< 0.45

### Available in

Drums of 185 kg.

### Hazard identification

Under current legislation, this product is not classified as toxic or dangerous.

### Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

#### Health and safety hazards

**Inhalation:** Minimum risk of inhalation as it is a non-volatile product.

**Ingestion:** Do not provoke vomiting. Drink water. Seek medical assistance.

**Contact with Skin:** Wash with abundant water and soap.

**Eyes:** Wash with abundant water.

**General measures:** Seek medical assistance.

### Firefighting measures

No special measures are required.

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**Fire control:** Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply water jet directly as this may cause the product to spread.

### **Environmental precautions**

Keep away from water sources. Avoid spillages in drains and public sources.

**Decontamination and cleaning:** Avoid dispersion with mechanical barriers and take out by physical or chemical means.

Unless otherwise specified, the values cited in technical characteristics should be considered typical.

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