

LUBRAL GUIDES AND SLIDES ISO 220

OIL FOR MACHINE TOOLS

DESCRIPTION

Product made with basic oils derived from petroleum and a package of special additives to lubricate slides and guides. High quality product, since paraffinic base oils and anti-wear additives, adhesive agents and protectors against oxidation and rust are used in its production.

BENEFITS

- Excellent chemical stability.
- Great resistance to oxidation.
- Excellent protection against wear.
- High resistance to rust formation.
- Excellent extreme pressure protection.
- Adhesive characteristics.

APPLICATIONS

Recommended for large machines where guide pressures are high or where high precision is required. It is also recommended for vertical and inclined guides where runoff can be a problem.

In large benches where a thin oil is displaced and noise and vibrations are produced, it is convenient to use Lubral Guides and Slides ISO 220 oil.

Useful in operations with a low feed ratio, also used in the lubrication of supports, lead screws, tool holders, gears and other circulating lubricated parts of the machine.

AGMA 9005-E02
DIN 51517 Part 3
ISO 12925-1 CKC/CKD
U.S. Steel 224

CHARACTERISTICS

TEST	TEST METHOD	TYPICAL VALUE
ISO Viscosity Grade	-	220
Appearance	Visual	Bright
Color	ASTM D1500	2.5
Density @ 20°C, g/ml	ASTM D4052	0.89
Kinematic Viscosity @ 40°C, cSt	ASTM D445	205
Kinematic Viscosity @ 100°C, cSt	ASTM D445	19
Viscosity Index	ASTM D2270	100
Flash Point COC, °C, min.	ASTM D92	230
Pour Point, °C, max.	ASTM D97	-15
Rust and corrosion resistance test	ASTM D1743	Pass
Foam Tendencies, ml, max.	ASTM D892	-
Sequence I	ASTM D892	20/0
Sequence II	ASTM D892	50/0
Sequence III	ASTM D892	20/0

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the performance of the product during the normal manufacturing and on different mixing locations are expected. Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com