

## KIZAK YAĞI ISO VG 220



### High-Performance Slideway Oils

#### DESCRIPTION AND APPLICATION

These superior-quality Slideway Oils are produced by blending high-performance additives with premium mineral-based oils, providing excellent adhesion properties and EP additive support. They are suitable for all types of machine tools, horizontal and vertical slideways, and, when recommended, for hydraulic systems in machine tools.

#### FEATURES AND BENEFITS

- Provides excellent lubrication by adhering well to metal surfaces and preventing leakage, thanks to its adhesive properties and specific additives. Ensures vibration-free motion due to its high tackifier properties.
- Minimizes friction under high pressure, forming a superior film layer on slideways.
- Protects against oxidation, wear, rust, and foaming, extending oil change intervals, reducing service costs, and lowering maintenance expenses.
- Minimizes the corrosive effects of cutting fluids on surfaces due to its high pH value and works compatibly with cutting fluids, resisting emulsion formation.

#### PERFORMANCE

Meets the performance specifications of:

CM P-47, P-50, P-53, SKC, DIN 51524 PART II, FZG-12PASS, ANFOR NFE 48-603, DENISON TP-02100, BRUGGER, USSTEEL 224, DIN 51517 PART III.

#### HEALTH, SAFETY, AND ENVIRONMENTAL RECOMMENDATIONS

Lubran slideway oil should not come into contact with skin or eyes, should not be swallowed, and its vapors should not be inhaled. In case of contact with skin or eyes, rinse thoroughly with soap and water and seek medical attention if necessary. If swallowed, do not induce vomiting and seek emergency medical attention. If vapors are inhaled, take deep breaths and seek medical help if needed. Used Lubran oils must not be discharged into drains, sewers, or the environment. They should be collected in designated waste oil containers and delivered to authorized recycling centers in accordance with applicable regulations. They must not be mixed with other petroleum derivatives or chemicals and should not be burned in stoves or furnaces. Empty containers should not be disposed of in landfills or the environment but handed over to licensed recycling organizations. For detailed information, you can review the "Material Safety Data Sheet."

#### STORAGE CONDITIONS

Lubran oil packages should not be exposed to direct sunlight for extended periods. Packages must not come into contact with water. Oils should not come into contact with dust and should be kept away from dusty environments. The ambient temperature should not exceed 40°C. The proper use of this product in compliance with current laws and regulations is the sole responsibility of the user. Lubran cannot be held liable for any damages or adverse effects resulting from improper use, deviations from the intended purpose, or the product's inherent hazards.

#### TYPICAL PROPERTIES

PHYSICAL PROPERTY	METHOD	ISO VG 220
Density, g/cm <sup>3</sup> at 15°C	ASTM D 4052	0,882
Kinematic Viscosity, cSt, 100°C	ASTM D 445	198-242
Viscosity Index	ASTM D 2270	90
Pour Point, °C, max	ASTM D 97	-21
Flash Point, °C, min	ASTM D 92	235

#### PACKAGING TYPES



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