

**BELHERR®****PAO G&B EP OIL ISO VG 220****Synthetic Gear Oil ISO VG 220****SPECIFICATIONS**

Synthetic gear oil ISO VG 220.

DESCRIPTION

Synthetic gear oil formulated for industrial gearboxes, developed to provide protection for gears and bearings operating under demanding conditions. Its synthetic base fluid formulation is designed to deliver thermal stability, oxidation resistance, and excellent low-temperature fluidity, promoting reliable operation and extended service life for both the lubricant and the equipment.

BENEFITS

- Helps extend equipment service life.
- Contributes to reducing operating wear.
- Promotes reliable low-temperature startup performance.
- Maintains performance under severe service conditions.
- Supports continuous operation.

APPLICATIONS

Suitable for industrial gearboxes and bearing systems operating under severe or extreme conditions. It can be used in equipment requiring a synthetic ISO VG 220 lubricant with temperature stability, rust protection, foam control, and dependable performance during low-temperature startups and continuous operation.

PROPERTIES

- Gear protection.
- Bearing protection.
- Thermal stability.
- Oxidation resistance.
- Excellent cold-temperature fluidity.

PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	UNIT	ASTM METHOD	VALUE
ISO Grade	-	ASTM D2422	ISO VG 220
Specific Gravity @ 15.6°C	-	ASTM D1298	0.86 ±5%
Flash Point	°C	ASTM D 92	≥233
Viscosity @ 40°C	cSt	ASTM D 445	220 ±10%
Viscosity @ 100°C	cSt	ASTM D 445	30.4 ±10%
Viscosity Index	-	ASTM D 2270	≥180
Pour Point	°C	ASTM D 97	≤-45°C
Rust Prevention A&B	-	ASTM D665	PASS
FZG Test, A/8.3/90	-	ASTM D5182 / ISO 14635-1	>14
Foaming Characteristics	-	ASTM D892	0/0, 0/0, 0/0
Water Content	%W	ASTM D6304	≤100 PPM MAX