GEAR OIL SYN 220

Last updated: 05/09/2022 4:33 pm

PRODUCT CODE	PACK SIZE	CARTON QTY
GOSYN220020	20L	
GOSYN220205	205L	



PRODUCT BENEFITS

Gear Oil Syn 220 is a PAO and Ester based full synthetic, extreme pressure gear oil blended for a wide range of industrial applications operating in severe service conditions. It is formulated for extreme pressure performance and wear protection where elevated temperatures and heavy shock loading occurs, to outperform conventional lubricants. It has increased protection against corrosion and rust and higher thermal stability to resist oil oxidation.

APPLICATION

Gear Oil Syn 220 is for use where industrial machinery is exposed to severe climatic conditions and where an EP lubricant is specified. It can be used in many types of gearbox applications including spur, bevel, herringbone, helical and worm gear in both stationary and mobile equipment.

Gear Oil Syn 220 can also be used in crushers, hoists, conveyers, machine tools, lathes, winch gearboxes, hoists, cranes, flexible couplings, sprockets, chain drives and speed reducers as well as for plain and friction bearings subjected to heavy duty operating conditions.

Gear Oil Syn 220 can also be used as a circulating oil, where a heavy duty, extreme pressure lubricant is required. It is also suitable for most types of lubricating systems including spray, splash, mist, bath and pump circulation.

Please Note: A 58mm cap with pouring tap is available to fit 20 litre packs. https://penriteoil.com.au/products/58mm-plastic-tap

PRODUCT BENEFITS

- Full Synthetic base oils for **Premium Performance** and **Durability**
- **Protects** against rust and corrosion
- **Minimises** wear by using effective extreme pressure additives.
- **Outstanding** oxidation and thermal stability for long life.
- Minimises foaming
- Excellent water and air separation characteristics for reduced surface wear
- Maintains oil film strength for extended equipment life
- Compatible with conventional seal materials

PRODUCT PERFORMANCE LEVELS

- AIST 224
- ANSI/AGMA 2005-E02 EP
- API GL-3
- DIN 51517 Part 3 (CLP)
- HITACHI CONSTRUCTION
- Joy TO-SMEP (ISO220)
- MAG Cincinnati Machine P-74 (ISO 220)
- US Steel 224

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TYPICAL DATA

Colour	Amber
ISO Grade	220
Density at 15°C, kg/L	0.849
Viscosity, Kinematic, cSt at 40°C	209
Viscosity, Kinematic, cSt at 100°C	26.9
Viscosity Index	164
Timkin OK Load, kg	43
AGMA Grade	5EP
Rust Test, ASTM D665A and B	Pass
Pour Point, °C	-51
FZG Pass Stage	>12
4-ball Weld Load, kg	250

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