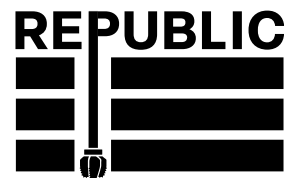


# HAMMERGUARD 220

ROCK DRILL OIL

ISO 220



## DESCRIPTION

HammerGuard 220 is formulated using a proprietary blend of base stocks and additives to provide superior performance and enhanced environmental synergy compared to conventional petroleum products.

## FEATURES & BENEFITS

- Powerful polarity (or adherence) to the tool surface providing improved lubricity and extra protection against water washout
- Enhanced anti-wear & anti-corrosion additives to protect the equipment
- Superior wear protection

## SUITABLE USES

- Pneumatic “hammer” equipment such as rock drills, jackhammers, and pavement breakers
- Chipping hammers, demolition hammers and drifters used in mining
- Enclosed industrial gearboxes where leakage is a problem and oil must be continually added
- Pile drivers
- Riveters
- Oil and gas drilling
- Water well drilling
- Geotechnical drilling
- Geothermal drilling
- Mining drills

## APPLICATION & TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner’s manual
- Follow your organization’s best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- **Technical Support** - If you have further questions, please fill out contact form on **drillrepublic.com** and one of our team will contact you to review your question(s)

## STORAGE

**Storage** - Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

## CAUTIONS

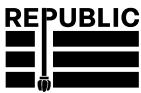
Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment (safety glasses, gloves, etc.) and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling, and disposal information.

## AVAILABILITY

Worldwide

## PACKAGE SIZES

- 5 Gallon Pails



### TYPICAL PROPERTIES

| Technical Properties   | Test Method | HammerGuard 220 |
|------------------------|-------------|-----------------|
| Product Code           |             | 45EC220B        |
| ISO Grade              |             | 220             |
| Specific Gravity       | ASTM D1298  | 0.92            |
| Viscosity @40°C, cSt   | ASTM D445   | 220             |
| Viscosity @100°C, cSt  | ASTM D445   | 19.5            |
| Viscosity Index (VI)   | ASTM D2270  | >100            |
| Performance Properties |             |                 |
| Pour Point °F (°C)     | ASTM D97    | 5 (-15)         |
| Flash Point °F (°C)    | ASTM D92    | 550 (287.8)     |
| Timken OK Load, lbs    | ASTM D2509  | >60             |
| Falex EP Fail Load     | ASTM D3233  | 3500            |
| Copper Corrosion       | ASTM D4048  | 1A              |
| Rust Test, A & B       | ASTM D665   | Pass            |
| Tackifier              |             | Yes             |

The values quoted above are typical of normal production. They do not constitute a specification.

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