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# ADVANTAGE ROCK DRILL OILS

## OVERVIEW

ADVANTAGE ROCK DRILL OILS are heavily compounded oils designed for the lubrication of pneumatic equipment exposed to excessive moisture or water spray. They are manufactured using premium quality mineral oils and special additive packages designed for heavy-duty rock drill applications. These additive systems employ excellent extreme pressure protection as well as rust and corrosion protection, tackiness, and antifoam properties.

## FEATURES & BENEFITS

ADVANTAGE ROCK DRILL OILS provide good adhesion to metal surfaces in the presence of moisture, have excellent extreme-pressure properties and offer exceptional protection against wear, rust, corrosion, and foaming.

## APPLICATIONS

ADVANTAGE ROCK DRILL OILS are recommended for and meet the general requirements of major manufactures of jack hammers, rock drills and other makes of pneumatic percussion equipment manufactured by Gardner-Denver, Ingersoll-Rand, and most others.

## TYPICAL PROPERTIES

| **PRODUCT CODES** | **669** | **793** | **631** | **640** | **622** | **623** | **624** |
|---|---|---|---|---|---|---|---|
| ISO GRADE | 32 | 46 | 68 | 100 | 150 | 220 | 320 |
| SAE GRADE | 10W | 15W | 20W | 30W | 40W | 50W | 60W |
| Specific Gravity @ 60°F | .864 | .868 | .872 | .876 | .881 | .886 | .890 |
| Viscosity, cSt @40 °C (D445) | 31.4 | 47.0 | 67.9 | 106.9 | 152.2 | 218.2 | 333.4 |
| Viscosity, cSt @100 °C (D445) | 5.5 | 7.3 | 9.3 | 12.8 | 15.4 | 19.1 | 25.8 |
| Viscosity Index (D2270) | 100 | 101 | 99 | 98 | 102 | 95 | 95 |
| Flash Point, COC °C (D92), min. | 195 | 215 | 220 | 220 | 230 | 235 | 245 |
| Pour Point, °C, max. | -35 | -35 | -25 | -25 | -20 | -15 | -15 |
| Corrosion, ASTM D130 | 1B | 1B | 1B | 1B | 1B | 1B | 1B |
| FZG Fail Load Stage | >12 | >12 | >12 | >12 | >12 | >12 | >12 |
| Timken EP Test, lbs., ASTM D2782 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| 4-Ball Wear Scar, ASTM D4172, mm | .25 | .25 | .25 | .25 | .25 | .25 | .25 |
| Demulsibility, ASTM D1401 | PASS | PASS | PASS | PASS | PASS | PASS | PASS |