



## BB CGP 100

### Black Bulls Circulation Oil

Black Bulls CGP 100 is high performance heavy duty circulation oil which is formulated with suitable base oil and proprietary additive system combination to meet the critical requirements of rolling mills, circulation system of primary and mill bearing and high-speed no-twist rod mills. It is providing enhanced film strength anti-scuff and anti-wear properties.

#### Typical properties:

| PROPERTY                                | UNIT           | TEST METHOD | TYPICAL VALUES |
|---|----------------|-------------|----------------|
| <b>SAE VISCOSITY GRADE</b>              |                |             | <b>100</b>     |
| APPEARANCE                              | NA             | VISUAL      | B&C            |
| DENSITY @ 15.6°C                        | g/mL           | ASTM D-4052 | 0.8850         |
| KINEMATIC VISCOSITY @100°C              | cSt            | ASTM D-445  | 11.29          |
| KINEMATIC VISCOSITY @40°C               | cSt            | ASTM D-445  | 100            |
| VISCOSITY INDEX                         | NA             | ASTM D-2270 | 98             |
| POUR POINT                              | °C             | ASTM D-92   | -9             |
| CORRECTED FLASH POINT                   | °C             | ASTM D-92   | 256            |
| DEMULSIBILITY AT 82°C                   | Minutes to 3ml | ASTM D-1401 | 25             |
| DEMULSIBILITY FOR NON-EP OILS           | ml water       | ASTM D-2711 | 40             |
| RUST PROTECTION, DISTILLED WATER        | NA             | ASTM D-665  | Pass           |
| RUST PROTECTION, SEA WATER              | NA             | ASTM D-665  | Pass           |
| COPPER CORROSION, 3 HOURS @ 100°C       | NA             | ASTM D-130  | 1A             |
| FZG GEAR TEST, DIN 51354, FAILURE STAGE | NA             | -           | 12             |

#### Benefits:

- Rust & Corrosion protection.
- Exceptional anti-wear.
- Excellent demulsibility.
- Superb equipment protection.
- Highly reliable operation.
- Long oil change life.

#### Application:

- Use in ferrous and non-ferrous mills.
- Back-up roll bearing system.
- High speed rolling mills.

