



WYROL BG

Bearing and Gear Oil

Product Description

WYROL BG Series are high performance synthetic low staining bearing and gear oils designed for use in rolling mills. Due to their low staining tendency, they are particularly suitable for use in non-ferrous rolling mill applications. They are formulated with low staining synthetic ingredients that ensure adequate lubrication is provided for heavy-duty bearing and gear unit conditions. Their low staining characteristics ensure that the quality of rolled metal is not impaired through leakage into roll coolant systems. This will ensure an optimum life and quality is obtained from the roll coolant; this reduces maintenance and overall costs. WYROL BG oils have good anti-wear and load-carrying performance and protect heavily loaded gears and bearings from damage and wear. WYROL BG oils also exhibit excellent oxidation stability and corrosion prevention properties.

Features and Benefits

WYROL BG oils are specifically designed to overcome the problems generated when conventional bearing lubricating oils contaminate the roll oils and result in finished product staining. They also provide excellent lubrication characteristics to reduce wear and improve equipment service life. Their excellent chemical stability allows extended service intervals and reduced maintenance costs.

WYROL BG oils offer the following benefits:

- Very low staining properties improve the production of acceptable materials
- Lower scrapage rates
- Improved roll coolant life and lower maintenance costs
- Good anti-wear and load-carrying characteristics increase bearing and gear life
- High oxidation stability increases oil service life

Applications

WYROL BG oils are incompatible with conventional mineral oils and changeover to these fluids require thorough flushing and cleaning before adding WYROL BG oils. Consult your local Marketing Technical Representative for advise concerning changeover procedures.

- Bearing and gear lubrication in aluminium rolling mill applications
- They are suitable for splash and mist lubrication systems

Typical Properties

| Wyrol BG | 220 | 320 | 460 |
|--|------|------|------|
| Density at 15°C, kg/m ³ , ASTM D 4052 | 1007 | 1007 | 1007 |
| Kinematic Viscosity at 40°C, mm ² /s, ISO 3104 | 235 | 320 | 480 |
| Kinematic Viscosity at 100°C, mm ² /s, ISO 3104 | 32 | 45 | 63 |
| Pour Point, °C, ISO 3016 | -30 | -30 | -27 |
| Flash Point, COC, °C, ISO 2592 | 275 | 275 | 275 |
| Copper Corrosion, 3h, 100°C, rating, ISO 2160 | 1 | 1 | 1 |
| Rust Prevention, distilled water, ISO 7120 | Pass | Pass | Pass |

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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