



WYROL BG SERIES

Mobil Industrial , Greece

Low Staining Synthetic Bearing Lubricant

Product Description

Wyrol BG grades consists of a synthetic base oil combined with specially selected additives to provide good oxidation stability and rust prevention.

Features and Benefits

Wyrol BG grades are not miscible with conventional bearing and gearbox lubricants. Therefore, transitioning from a conventional lubricant to Wyrol BG requires specialist advice, and the changeover procedures must be carried out very carefully to fully realize the benefits of Wyrol BG.

Benefits

Low staining properties reduce the potential for production rejects.

Extends roll oil life, contributing to overall efficiency.

Reduces costs in the rolling process.

Suitable for a wide temperature range.

Exceptional load-carrying ability and wear protection minimize bearing wear.

Applicable for both flood and mist spray applications.

Applications

Wyrol BG grades are recommended for use in flood and mist spray bearing systems and gearbox units in rolling mills. Due to their low staining tendency, they are particularly suitable for aluminum rolling mills. The excellent load-carrying capacity of Wyrol BG ensures effective lubrication for heavily loaded bearings and gearboxes. If the products leak in small quantities into the roll oil, they are effectively removed by active earth filters, thereby preventing any contribution to brown staining of rolled aluminum during annealing.

Properties and Specifications

| Property | 220 | 320 |
|---|------------|------------|
| Grade | ISO VG 220 | ISO VG 320 |
| Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130 | 1B | 1B |
| Density @ 15 C, kg/m ³ , ASTM D4052 | 1006 | 1005 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 260 | 260 |
| Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445 | 220 | 320 |
| Pour Point, °C, ASTM D97 | -24 | -24 |
| Rust Characteristics, Procedure B, ASTM D665 | PASS | PASS |

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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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

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