Mobil

WYROL BG SERIES

Mobil Industrial , Slovenia

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/m3, ASTM D4052	1006	1005
Flash Point, Cleveland Open Cup, °C, ASTM D92	260	260
Kinematic Viscosity @ 40 C, mm2/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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