

Product Description

Circoil is a premium circulating bearing oil developed to the Morgoil and SMS Demag specifications for use in bearing circulating systems in steel mills where there is extreme water contamination present.

Product Features & Benefits

Circoil gives

- Excellent water separation characteristics when subjected to heavy water contamination.
- Exceptional foam reduction to ensure smooth equipment operation.
- Protects metal surfaces from rust and corrosion.
- Good oxidation stability that promotes longer fluid and equipment life.

Additional Information

Circoil 150 and 460 meet the two Morgoil specifications as well as the SMS Demag SN 180 Part 4 Specification as follows:

Morgoil Lubricant Specification (Revised 26th March 2004)

The Morgoil lubricant must be a high grade mineral oil with High resistance to oxidation and the formation of sludge when subject to rolling mill service Separate water rapidly

Morgoil Advanced Lubricant Specification (Revised 26th March 2004)

Meets the basic specification and as well the lubricant systems are designed for use with high demulsibility lubricants. The lubricant must separate from water at normal operating temperatures on return from the bearings (125°F to 140°F). The Advanced specification is primarily distinguished from the Morgoil® Lubrication specification by the "Dynamic Demulsibility Endurance Test.

SMS Demag SN 180 Part 4 Specification. (Released January 2009)

This specification applies to lubricant supplied for service in advanced MORGIL® Bearing lubrication systems. These systems are designed for use with high demulsibility lubricants. The lubricant shall separate from water at normal operating temperatures on return from the bearings (52 °C - 60 ° C). This specification does not supersede the standard MORGIL® Lubricant Specification SN180, part 3, rather it is a supplement for this special class of lubricant.

Typical Characteristics

	ISO 150	ISO 460
Viscosity @100°C	15.2	31.9
Viscosity @ 40°C	152	477
Viscosity Index	100	98
SG @ 20°C	0.888	0.898

Anglomoil Superior Lubricants

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