



Spemo HB

Premium Circulating System Oil

Applications

BP Spemo HB is a range of high quality circulating oil containing specially selected solvent-refined mineral oil and performance enhancing additives to provide outstanding rust protection, anti-oxidation and water separating properties. Spemo HB is particularly recommended for full fluid lubricating circulation systems,

which are used for back- up roller bearings in metal rolling mills. The oils are also suitable for most plain and rolling element bearing systems subjected to heavy water contamination, such as those found on paper machines. Available in ISO viscosities 150, 220, 320, 370, 460 and 680.

Main Benefits

- High viscosity index, reduces friction and wear
- Excellent oxidation stability, permits extended oil life even in high temperature conditions
- Good rust protection and low copper corrosion tendency
- Efficient filtration with all types of filters, including fuller's earth type
- High film strength and outstanding anti-wear properties, provides protection against bearing wear and gear scuffing under severe load conditions
- Low carbon forming tendency, minimizes bearing deposits and maintains oil cleanliness

Specifications

The Spemo HB range is formally approved by Morgan Construction Company (USA) for use in Morgoil roll end bearings.

It also meets the Morgoil bearing oil requirements of all the major international OEM's.

Storage

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum

markings. Products should not be stored above 60°C.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting the BP Lubricants and Fuels Technical Helpline on 1800 033 558 [free call]. BP Australia, or its subsidiaries

will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office or Lubricants and Fuels Technical Helpline.

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Typical Characteristics

Grade: Spemo HB

Mnemonic:			SPEM150	SPEM220	SPEM320	SPEM370	SPEM460	SPEM680
	Test Method	Units	Spemo HB150	Spemo HB220	Spemo HB320	Spemo HB370	Spemo HB460	Spemo HB680
Appearance	Visual		Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density @ 15 °C	ASTM D1298	kg/L	0.89	0.89	0.89	0.89	0.90	0.90
Flash Point (PMC)	ASTM D93	°C	>200	>200	>200	>200	>200	>200
Kin. Viscosity @ 40 °C	ASTM D445	cSt	150	220	320	370	460	680
Demulsibility (82°C)			40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
			20 minutes max	20 minutes max	20 minutes max	20 minutes max	20 minutes max	20 minutes max
Foam Sequence Test I			50/0 max	50/0 max	50/0 max	50/0 max	50/0 max	50/0 max
Total Metal ICP		ppm	10	10	10	10	10	10

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.