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# BHARAT COMPRESSOR EP GEAR OIL

Bharat Compressor Gear Extreme Pressure oil is a premium lubricant crafted from highly refined mineral oil, enriched with sulphur/phosphorus extreme pressure additives. This formulation ensures exceptional thermal stability and a high load-carrying capacity, making it ideal for demanding compressor applications.

## Application:

Bharat Compressor Gear Extreme Pressure oil finds its applications in various industrial settings, including:

- Drives for presses, conveyors, agitators, pumps, mixers, extruders, and fans, ensuring smooth and reliable operation.
- Rolling and journal bearings, particularly those operating under heavy loads and low speeds, providing effective lubrication and protection.
- Drives where the manufacturer specifies the use of mineral-based EP gear oils, meeting specific requirements and ensuring compatibility.

## Performance Benefits:

Bharat Compressor Gear Extreme Pressure oil offers several key benefits:

- 'Clean gear' additive technology minimizes deposit formation and extends filter life. Full Extreme Pressure (EP) performance provides maximum protection against gear wear and shock-loading.
- Good water separation and demulsification characteristics result in prolonged lubricant life and increased equipment reliability, reducing downtime.
- High protection against corrosion and wear leads to reduced maintenance requirements.



## Recommendation:

Bharat compressor gear Extreme Pressure oil is recommended for the lubrication of industrial gear boxes using forced circulation or splash and oil bath lubrication.

## Typical Data Specifications:

SR. NO.	CHARACTERISTICS	TEST	UNIT	RANGE	RANGE
1	SAE Rating	-	-	EP 220	EP 320
2	Performance Level	-	-	GL5	GL5
3	Appearance	VISUAL	-	C & B	C & B
4	Kinematic Viscosity @ 40°C cSt	ASTM D445	mm <sup>2</sup> /s	220	320
5	Kinematic Viscosity @ 100°C cSt	ASTM D445	mm <sup>2</sup> /s	19	45
6	Viscosity Index min.	ASTM D2270	none	97	140
7	Flash Point COC °C	ASTM D92	°C	232°C	230°C
8	Pour Point °C max.	ASTM D97	°C	-15°C	-36°C

**\*The specifications are subject to variations/development/customization.**

**The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.**

**Available Packing Sizes:** 500 ml, 1 ltr, 5ltrs, 10 ltrs, 20 ltrs, 26 ltr, 50 ltr, 55 ltrs, 210 ltrs.

**Health & Safety:** based on available information, this product is not expected to produce any 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.