



## APPLICATIONS

**Eni Blasia BM 320** is a special gear oil with EP characteristics formulated with sulphur and phosphorus compounds to deliver a robust protection from wear in every condition of high/slow speeds and high loads or shock loads; the product contains a colloidal dispersion of molybdenum disulfide that improves the oil film resistance in presence of very high pressures hence preventing the direct metal-to-metal contacts that can result in serious wear damages ('scuffing').

**Eni Blasia BM 320** is particularly recommended to lubricate chains, wires, tracks and spur gears with a high reduction ratio and worm gears where sliding friction and very high operative temperatures can occur.

## CUSTOMER ADVANTAGES

- Protection of lubricated components during operation thanks to a robust antiwear additive system
- Resistance to high operative temperatures (up to 100/110 °C) due to very good antioxidant properties
- Non-corrosive behaviour against gaskets and seals as well as metals such as steel, cast iron, copper and bronze
- Quick separation from water that could accidentally enter the system thanks to an outstanding demulsive capacity
- Consistent reduction of vibrations and noise

## SPECIFICATIONS & APPROVALS

- ISO 12925-1 CKD
- DIN 51517-3 CLP
- ANSI/AGMA 9005-E02 EP





## CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Visual aspect	-	-	homogeneous black
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	904
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	320
Viscosity index	ASTM D 2270	-	93
Flash point (COC)	ASTM D 92	°C	256
Pour point	ASTM D 97	°C	-18



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