



## APPLICATIONS

**Eni Blasia FMP 100** is an high performance lubricant for gears operating under extreme pressure (EP) conditions that are typically present in last generation industrial reducers. **Eni Blasia FMP 100** is particularly recommended for circulation or splash lubrication of all types of enclosed gears, especially where operating conditions involve heavy loads, high speeds, high sliding friction and possibility of high operative temperatures. **Eni Blasia FMP 100** is suitable to lubricate also other heavily-loaded parts and components such as couplings, transmission screws, low speed plain and rolling bearings as well as oil-mist lubrication systems.

## CUSTOMER ADVANTAGES

- Minimized deposits and sludge formation thanks to an exceptional thermo-oxidative resistance
- Possibility to use at high operative temperatures (up to 120 °C)
- Robust protection from wear (FZG 12th stage passed) and micropitting, notably
- 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
- Oil film continuity ensured by antifoam properties

## SPECIFICATIONS - APPROVALS

- Muller Weingarten DT 55 005 CLP - level
- AIST No.224
- ISO 12925-1 CKD
- DIN 51517-3 CLP
- David Brown S1.53 101 level
- Loesche
- ANSI/AGMA 9005-F16





## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	900
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	100
Viscosity Index	ASTM D 2270	-	96
Flash point COC	ASTM D 92	°C	234
Pour point	ASTM D 5950	°C	-27
Demulsibility at 82°C	ASTM D 1401	mins	10

