



Eni Blasia FMP

Eni Blasia FMP is a high performance lubricant for gears operating under extreme pressure (EP) conditions that are typically present in last generation industrial reducers. It 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.

Characteristics (typical figures):

Eni Blasia FMP	Unit	220	320	460	Test method
Kin. Viscosity at 40°C	mm ² /s	220	320	460	ASTM D 445
Viscosity Index		97	97	97	ASTM D 2270
Density at 15°C	kg/m ³	898	902	905	ASTM D 4052
Flashpoint o. C.	°C	241	252	238	ASTM D 92
Pourpoint	°C	-24	-21	-15	ASTM D 97
Demulsibility at 82°C	min	20	15	20	ASTM D 1401

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 behavior 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

Applications:

Eni Blasia FMP is suitable to lubricate also other heavily-loaded parts and components such as couplings, transmissions screws, low speed plain and rolling bearings as well as oil-mist lubrication systems.

Specifications & Approvals:

Eni Blasia FMP is approved by name respectively meets the requirements* of the following specifications:

- ISO 12925-1 L-CKD
- ANSI/AGMA 9005-E02 EP
- AIST No. 224
- DIN 51 517 T.3 CLP



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- Fives Cincinnati P-74 level (ISO VG 220)
- Fives Cincinnati P-59 level (ISO VG 320)
- Fives Cincinnati P-35 level (ISO VG 460)
- David Brown S1.53.101 level
- Siemens MD (FLENDER) Rev.15
- Müller Weingarten DT 55 005 Typ CLP level
- Danieli Standard n. 0.000.001-Rev.15
- U.S. STEEL 224