# Eni Blasia FMP 460

## APPLICATIONS

**Eni Blasia FMP 460** 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 460** 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 460** 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 outstanting demulsive capacity
- Oil film continuity ensured by antifoam properties

## SPECIFICATIONS & APPROVALS

- ANSI/AGMA 9005-E02 EP
- AIST No.224
- DIN 51517-3 L-CLP
- ISO 12925-1 L-CKD
- Danieli Standard n. 0.000.001 - Rev.15
- Fives Cincinnati P-35 level
- David Brown S1.53.101 level

# Eni Blasia FMP 460

- Siemens MD (Flender) Rev. 15

## CHARACTERISTICS

| Properties | Method | Unit of Measure | Typical |
|---|---|---|---|
| Appearance | APM 27 | - | clear |
| Density at 15°C | ASTM D 4052 | kg/m³ | 905 |
| viscosita a 40 °C | ASTM D 445 | mm²/s | 460 |
| Viscosity index | ASTM D 2270 | - | 97 |
| Flash point (COC) | ASTM D 92 | °C | 238 |
| Pour point | ASTM D 97 | °C | -15 |
| Demulsibility at 82°C | ASTM D 1401 | mins | 20 |