eni Blasia F ID

PRODUCT DATA SHEET

The **eni BLASIA F ID** series are very high-performance gear oils for lubricating in extreme pressure conditions (EP) the last generation industrial gear reducers, in particular, those extremely compact and of high specific power that could have problems of micro pitting damages.

They are formulated with selected paraffinic base stocks and specific additives for a very wide operative exigencies, (ISO-L-CKD classification).

CHARACTERISTICS (TYPICAL FIGURES)

eni Blasia F ID

ISO VG		220	320	460
Appearance	-	B & C	B & C	B & C
Density at 15°C	kg/L	0.894	0.897	0.903
Viscosity at 40°C	cSt	216.0	311.0	452.6
Viscosity at 100°C	cSt	18.7	23.9	30.1
Viscosity Index	-	97	97	96
Flash Point COC	°C	250	252	266
Pour Point	°C	-15	-12	-9

PROPERTIES AND PERFORMANCE

- 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 micro pitting, 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.

APPLICATIONS

- **eni Blasia F ID** is a high-performance lubricant for gears operating under extreme pressure (EP) conditions that are typically present in last generation industrial reducers.
- **eni Blasia F ID** 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 F ID** 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

SPECIFICATIONS

eni BLASIA F ID meets the requirements of the following specifications:

- ISO 12925-1 CKD
- DIN 51517 teil 3 CLP
- U.S. STEEL/ AIST No. 224
- ANSI/AGMA 9005-F16
- Siemens MD (Flender) Rev. 15