



eni Blasia S

eni Blasia S are high pressure gear oils formulated with synthetic base oils for the lubrication of high loaded spur and worm gears as well as rolling and sliding bearings under extreme operational conditions.

The selected polyglycol and additives used deliver antioxidant and antirust properties together with an outstanding thermo-oxidative resistance.

CHARACTERISTICS (TYPICAL FIGURES)

eni Blasia S		150	220	320	460
Viscosity at 40°C	mm ² /s	152	230	320	456
Viscosity at 100°C	mm ² /s	24.6	34.0	46.3	64.3
Viscosity index	-	195	195	205	216
Flash point (C.O.C.)	°C	240	240	242	210
Pour point	°C	-36	-33	-33	-27
Density at 15°C	kg/m ³	1000	1030	1030	1010

PROPERTIES AND PERFORMANCE

- **eni Blasia S** are formulated with synthetic basestocks that ensure a very high viscosity index in order to allow the product to be used at very high temperatures.
- the special synergy between the different antioxidant additives deliver to the lubricant an exceptional thermo-oxidative resistance, preventing the formation of residue and sludge.
- **eni Blasia S** have optimal antiwear properties as proven by following tests:
 - FZG (A/8.3/90), failure stage > 12°
 - FZG (FVA 54) – micropitting test, failure stage >10°
 - 4 sfere wear (ASTM D 4172) : wear diameter: 0,33 mm.

APPLICATIONS

eni Blasia S are products suitable for lubrication of bearings and gears operating at very high temperatures (ovens and machineries for glass manufacture, plastic materials production, paper and woodpulp machineries, ceramic production, etc).

Temperature levels allowed are up 20 °C in storage tanks and 200°C picks in hottest parts during operation.

The high quality and exceptional performances of these synthetic products contribute to a significant saving of maintenance costs with particular regard to gears requiring a low friction coefficient like worm gears, notably.

NOTE

eni Blasia S are not compatible with mineral oils as well as some ester-based synthetic products.



eni Blasia S

eni Blasia S have no negative effect on rubbers but their contact with varnishes is not advisable if not based on epossidic resins.

SPECIFICATIONS

eni Blasia S meet the requirements of following specifications:

- ISO-L-CKE
- ISO-L-CKT
- ISO 12925-1 CKE
- ISO 12925-1 CKT
- DIN 51502 CLP-PG
- ANSI/AGMA D 9005-E02

eni Blasia S 320 is approved by Schindler.