



AGIP BLASIA S

AGIP BLASIA S is an oil developed for the lubrication of gears and bearings operating at high temperatures. It is formulated from a synthetic base (polyglycol) additive-treated to impart appropriate antioxidant, antirust and antiwear properties.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP BLASIA S		150	220	320	460
Viscosity at 40°C	mm ² /s	152	230	320	460
Viscosity at 100°C	mm ² /s	24.6	34.	46,3	75
Viscosity Index	-	195	195	205	244
Flash Point COC	°C	240	240	242	230
Pour Point	°C	-36	-33	-33	-30
Mass density at 15°C	kg/l	1.00	1.03	1.03	0.986

PROPERTIES AND PERFORMANCE

- AGIP BLASIA S is formulated from a base with inherently good lubricating capacity. The very high Viscosity Index minimizes change in viscosity over a wide range of operating temperatures.
- It has exceptional oxidation and thermal stability. The additives have been selected to avoid the formation of sludge even if a small part of the fluid oxidizes owing to extreme working conditions.
- It provides very good protection against rust and corrosion.
- AGIP BLASIA S has very good antiwear and EP properties as illustrated by the following tests:
 - FZG (A 8,3/90), failure stage > 13°;
 - FZG (FVA 54) - micro pitting test, resistance: "HIGH", failure stage >10°;
 - 4 balls wear (ASTM D 4172), scar diameter 0.33 mm.

APPLICATIONS

AGIP BLASIA S is best used for the lubrication of bearings of calenders operating at high temperatures (glassforming machines, steelstrip mills, furnaces and ceramic and paper-making machinery). Suitable for continuous bulk temperatures up to 120 °C with peaks in the hottest points up to 200 °C. The exceptional properties of this synthetic oil result in reduced maintenance costs, for example where it is used for the lubrication of gears subjected to medium loads or those requiring a low coefficient of friction for troublefree operation, such as worm gears.

NOTES

AGIP BLASIA S is not compatible with mineral oils and same types of esters.

AGIP BLASIA S does not attack rubber but it should not be used in contact with paintwork unless this has an epoxy base.

SPECIFICATIONS

AGIP BLASIA S oils meet the requirements of the following specifications:

- ISO-L-CKT
- DIN 51502 PGLP
- ANSI/AGMA D9005-D94 (AGMA NR. 4S, 5S, 6S and 7S)

AGIP BLASIA S 320 is approved by SCHINDLER.