



## eni Blasia 32

**eni BLASIA 32** is a hydraulic and gear fluid with antiwear and EP (extreme pressure) properties. It is formulated from a paraffinic base stock, sulphur-compound additives (which ensure superior high-speed and shock-load performance) and phosphorus-compound additives (which provide protection under low-speed, high-load conditions). It thus satisfies the very widest range of operational requirements.

### CHARACTERISTICS (TYPICAL FIGURES)

eni BLASIA		32
Viscosity at 40°C	mm <sup>2</sup> /s	31
Viscosity at 100°C	mm <sup>2</sup> /s	5,5
Viscosity Index	-	106
Flash Point COC	°C	215
Pour Point	°C	-29
FZG A/8.3/90	load stage	>12
Mass density at 15°C	kg/l	0,873

### PROPERTIES AND PERFORMANCE

**eni BLASIA 32** has very good antiwear and EP properties, as demonstrated also by the FZG test. In addition, it possesses the following important properties:

- corrosion inhibition: it is noncorrosive to materials normally used in the construction of machinery, especially seal materials and metals such as steel, cast iron, copper and bronze;
- demulsibility: it separates quickly from water and thus ensures excellent lubrication even in those applications where water contamination is possible (e.g. in steelworks);
- rust protection: it effectively helps protect lubricated parts even in damp conditions;
- foam resistance: it minimizes the risk of breaks in the oil film and of irregular oil circulation caused by foam.

### APPLICATIONS

**eni BLASIA 32** has been expressly formulated for use where a hydraulic fluid must also lubricate heavily-loaded parts e.g. when one lubricant is used in couplings and hydrodynamic converters and in associated step-down or step-up gears.



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## SPECIFICATIONS

**eni BLASIA 32** is approved by:

VOITH GETRIEBE 3.90-8/1972 for use in railways turbo-transmissions

VOITH TURBO 3.625-6073 for use in gearbox-converter units Type R (12)