



eni Blasia 32

eni Blasia 32 is a lubricant for hydraulic and gear applications with wear protection and EP properties (extreme pressure). Paraffinic mineral oil, sulphur based EP additives (for best high-speed and shock load properties) and phosphor based additive components for best low-speed and high-pressure properties had been selected.

Characteristics (typical value):

eni Blasia 32		Unit		Test method
Kin. Viscosity	at 40°C	mm ² /s	31	DIN 51 550
	at 50°C	mm ² /s	21	
	at 100°C	mm ² /s	5,5	
Viscosity index			106	DIN ISO 2909
Density at 15°C		kg/m ³	873	DIN 51 757
Flashpoint o. C.		°C	215	DIN ISO 2592
Pourpoint		°C	-29	DIN ISO 3016
FZG A/8.3/90		Load stage	>12	

Properties and Performance:

eni Blasia 32 consists of a balanced combination of carefully selected base oils and adjusted wear protection and high-pressure additives. This is proven by the values of the FZG test. Besides it has the following important properties:

- It has no corrosive effect on all used materials in the machine construction such as iron, cast iron, copper, bronze and it compatible with all commonly used sealing materials.
- It separates fast from water, whereby an excellent lubrication is ensured, also at applications where a contamination with water cannot be excluded.
- Also at humid ambient conditions such as steam an effective rust protection of the metal parts is ensured.
- The formation of foam is effectively minimised, whereby a stable lubrication film is ensured under all application conditions.

Applications:

eni Blasia 32 is especially designed as high-performance oil for hydrodynamic gearboxes and clutches, for torque converters in connection with spur and bevel gears and for multi-disc clutches, which are supplied with a combined system with hydraulic fluid.

Specifications:

- DIN 51 517 T. 3
- DIN 51 524 T.2
- CLP/HLP
- VOITH gear approval 3.90-8/1972 (railway turbo gearboxes)
- VOITH Turbo approval 3.625-6073 (gear converter unit type R(12))