

# Blahydrol ZBT

Art. 27513, 27514, 27515

**Description:** Blahydrol ZBT are pressure fluids and lubrication oils with increased wear protection. They are available in all common viscosities and alloy grades.

**Application:**

- Hydraulic oils for a wide range of applications.
- Suitable for hydraulic systems, hydraulic transmissions (hydrostatic drives), circulatory lubrication and various lubricating points on industrial, construction and agricultural machinery.
- Suitable for the lubrication of rolling- and friction bearings according to the specifications and viscosities.

## Product characteristics

## Benefits

- Meet the requirements of well-known manufacturers of hydraulic components and comply with the international specification HLP with high power reserve → maximum safety, even in unfavorable operating conditions.
- Good anti-aging properties and high wear protection even in unfavorable unfavorable operating conditions. The viscosity class is maintained over the entire service life. Favorable viscosity-/temperature behavior → high service life of the aggregates and optimized oil-related maintenance and downtime costs. High safety in extended use. Long operating life in the equipment.
- Thanks to balanced additivation the hydraulic oils Blahydrol ZBT are suitable for a wide range of applications → product inventory can be reduced to a minimum. The risk of confusion between lubricants is minimized while maintaining a high level of technical safety.
- Conductivity >400ps/m due to selected additives → Can be used in compact hydraulic systems without risk of damage due to electrostatic discharges. www

## Physical/ chemical Data:

Art.	Viscosity 40°C (mm <sup>2</sup> /s) ISO-VG- Class	Viscosity 100°C (mm <sup>2</sup> /s)	Viscosity- Index VI	Density 20°C (g/cm <sup>3</sup> )	Pourpoint (°C)	Flash point (°C)	Alloy type	
							HL/CL	HLP
	DIN 51562 DIN ISO 3448	DIN 51562 DIN ISO 3448	DIN 51564 DIN ISO 2509	DIN 51757	DIN 51579 DIN ISO 3016	DIN 51376 DIN ISO 2592	HL/CL	HLP
27513	32	5.44	105	0.86	-30	216	X	X
27514	46	6.80	102	0.87	-27	220	X	X
27515	68	8.70	100	0.88	-24	236	X	X

**Explanation:** X = the oil meets requirement

## Specifications and standards:

See overleaf

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## Specifications and standards:

Blahydrol ZBT industrial oils fulfil and exceed the standards and specifications according to:

- DIN 51524-1/-2
- ASTM D6158
- Chinese GB 11118.1
- ISO 11158
- JCMAS HK
- Swedish Standard SS.155434
- US Steel 126

In addition, the Blahydrol ZBT series fulfils the following requirements:

- Bosch Rexroth RDE 90235
- Eaton Brochure 03-401-2010
- Eaton E-FDGN-TB002-E
- Fives Cincinnato P-68, P-69, P-70
- Parker Denison HF-0, HF-1, HF-2

## Safety and environmental aspects:

ADR/RID:  
Precautions:

Not classified as hazardous by transport regulations.  
Must not be allowed to get into waste water, ground water, surface water or the soil. Harmful for aquatic organisms.

Water hazard classification:  
LVA/EU-waste code:  
CH-waste code:  
Classification and labeling:

Slightly water endangering (WGK 1)  
13 01 10  
Identical to EU waste code (as per VeVA of 01.01.06)  
See safety data sheet



## Container sizes:

Art. 27513-01	Container: 1022 l	Drum: 208 l	Canister: 5 l
Art. 27514-01	Container: 1022 l	Drum: 60 l • 208 l	Canister: 25 l
Art. 27515-01	Container: 1022 l	Drum: 208 l	

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