

# Blahydrol HLPD

Art. 05360-01 – 05363-01

**Description:** The Blahydrol HLPD range is designed specifically for machine tools. They are based on modern formulations and are available in established viscosity grades. This lubricant is specifically focused on the best possible compatibility with our Blaser water-miscible cooling lubricants.

**Range of application:**

- Pressure fluid in hydraulic systems of machine tools
- Detergent and dispersant properties make the hydraulic oils suitable for hydraulic systems with especially high reliability requirements
- Spindle lubrication of machine tools

## Product properties

- High oxidation and shear stability
- Excellent air release
- Best possible compatibility with Blaser cooling lubricants
- Corrosion and wear protection for a wide range of metals

## Benefits

- Long oil change intervals
- Minimizes the risks of insufficient lubrication and cavitation damage
- Optimum maintenance of machining performance and service life of Blaser cooling lubricants, as well as prevention of foaming of the Blaser cooling lubricant in case of tramp oil ingress
- Contributes to maximizing the life span and precision of hydraulic systems

## Technical data:

Art.	Alloy		Viscosity 40°C ISO-VG-Class (mm <sup>2</sup> /s)	Viscosity 100°C (mm <sup>2</sup> /s)	Viscosity Index VI	Density 20°C (g/ml)	Pourpoint (°C)	Flash- point (°C)
	DIN 51524-2	ISO 11158	DIN 51562 ISO 3448	DIN 51564	DIN 51564 ISO 2509	DIN 51757	DIN 51579 ISO 3016	DIN 51376 ISO 2592
05360	HLP-D	HM	32	5.5	114	0.850	-21	222
05361	HLP-D	HM	46	7.3	115	0.855	-21	228
05362	HLP-D	HM	68	9.2	112	0.859	-21	236
05363	HLP-D	HM	100	11.9	109	0.862	-15	265

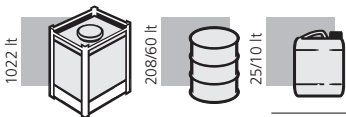
**Recommended oil change:** Blahydrol HLPD is generally miscible and compatible with other mineral oils. To ensure the full performance of the product, it should be used in a single-grade application.

## Safety and environmental aspects:

ADR/RID:  
Precautions:

Water hazard class:  
EC-waste code:  
CH-waste code:  
Classification and labelling:

Not dangerous goods in terms of transport regulations  
Do not allow product to get into ground water, water course or sewage system. Harmful to aquatic organisms.  
Slightly water endangering (WGK 1)  
13 02 06  
Identical to EC-waste code (as per VeVA of 01.01.06)  
Stated in the safety data sheet



**Container sizes:** Container: 1022 L      Drum: 208 L (60 L available only for CH)      Canister: 25 L • 10 L

*The data given on this sheet are based on properties and application possibilities as known to us. Blaser Swissslube AG cannot be held liable for any damages resulting from the improper use of its products. No general legal liability can be derived from these data. 30.599 E (0126)*