

LAMORA HLP 32, 46, 68

Hydraulic oils acc. to DIN 51524 part 2



Description

LAMORA HLP are hydraulic oils based on mineral oils. They comply with the HLP requirements of DIN 51524, part 2 and reduce friction and wear.

However, it should be taken into consideration that mixing LAMORA HLP oils with residual quantities of the previous oil fill might reduce their performance. We therefore recommend cleaning the oil circuit thoroughly before applying LAMORA HLP oils for the first time.

LAMORA HLP 32, 46, 68

- HLP hydraulic oils acc. to DIN 51524, part 2
- Good wear protection
- Service temperature range from -12°C to 120°C

Application

LAMORA HLP have been designed for use as hydraulic oils.

Minimum shelf life

The minimum shelf life is approx. 12 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

10 l metal canister
200 l steel drum

Application notes

LAMORA HLP oils are miscible with mineral oil-based hydraulic fluids.

Product data

	LAMORA HLP 32	LAMORA HLP 46	LAMORA HLP 68
Article number	031007	031008	031009
Color, aspect	light yellow, clear		
Density, DIN 51 757 at 20°C [g/cm^3], approx.	0.88	0.87	0.88
Kinematic viscosity, DIN 51 562 at 40°C [mm^2/s], approx.	32	46	69
Pour point, DIN ISO 3016 [$^{\circ}\text{C}$], approx.	- 18	- 15	- 12

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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