

SKF



Oil Leveller

LAHD series

Oil Leveller LAHD series

SKF Oil Levellers, LAHD 500 and LAHD 1000, are designed for automatic adjustment of the optimal oil lubrication level within a bearing housing, gear box, crank case or similar oil bath lubrication application.

Not usually possible, SKF Oil Levellers allow you to effectively adjust the correct oil level during running conditions, optimising machine performance and increasing the service life of the applications. Furthermore, they automatically compensate for oil leakage and offer the possibility of visual inspection of the oil level.

How it works

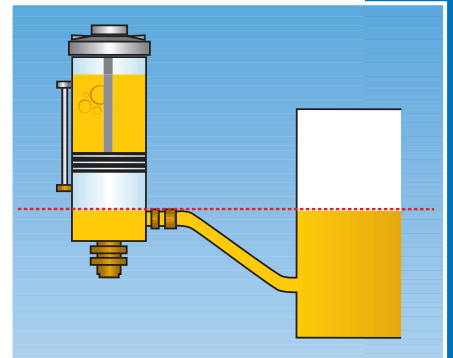
The SKF Oil Leveller consists of two communicating oil reservoirs. The lower reservoir is in direct contact with the application and hence its oil level is the same as the oil level inside the application. Through a ventilation tube, the lower reservoir is also in direct contact with the ambient air.

The upper reservoir is an airtight container storing replacement oil. Through its extended neck, which dips into the oil of the lower reservoir, the two reservoirs are in direct contact with each other. However, oil can only flow from the upper to the lower reservoir once the oil level in the lower reservoir goes below the pre-set level, allowing air to flow through the extended neck to the upper reservoir.



Special features

- Guaranteed oil level ensures adequate lubrication
- Easy visual inspection
- Extended relubrication intervals. LAHD 1000 compensates for evaporation losses of up to 1 liter of lubricating oil!



Technical data

Designation	: LAHD 500 / LAHD 1000	
Boundary dimensions		
- LAHD 500	: Ø 91 mm x 290 mm high (3.6 x 11.4 in)	
- LAHD 1000	: Ø 122 mm x 290 mm high (4.8 x 11.4 in)	
Reservoir volume		
- LAHD 500	: 500 ml (17 fl. oz. US)	
- LAHD 1000	: 1.000 ml (34 fl. oz. US)	
Container material	: Polycarbonate	
Allowed temperature range	: - 20 to 125 °C (-4 to 255 °F)	
Permissible humidity	: 0 - 100 %	
	Length of connecting tube	: 600 mm (23,5 in)
	Connection thread	: G 1/2
	Tube material	: Polyurethane
	O-ring material	: NBR - 70 Shore
	Gaskets	: NBR - 80 Shore 6 pieces
	Other material	: Aluminum, Bronze, Stainless Steel
	Suitable oil types	: Mineral and synthetic oils

In line with our policy of continuous development of our products we reserve the right to alter any part of the above specification without prior notice.

SKF Maintenance Products

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