

Automatic adjustment for optimal oil lubrication level

## Oil leveller LAHD series

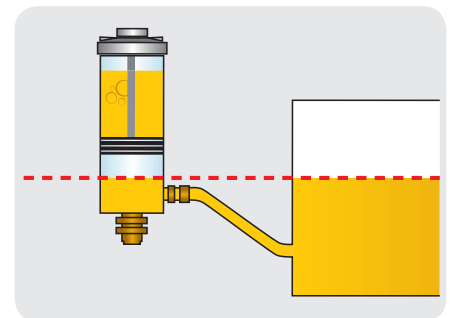
SKF Oil Levellers, LAHD 500 and LAHD 1000, are designed for automatic adjustment of the optimal oil lubrication level within a bearing housing, gear box, crank case or similar oil bath lubrication application. Not usually possible, SKF Oil Levellers allow you to effectively adjust the correct oil level 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 hole, 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.

- Optimally maintained oil level provides adequate lubrication
- Easy visual inspection
- Extended re-lubrication intervals. LAHD 1000 compensates for evaporation losses of up to 1 litre of lubricating oil!
- Oil must be refilled manually



## Technical data

**Designation** LAHD 500 / LAHD 1000

**Reservoir volume**  
– LAHD 500 500 ml (17 US fl. oz)  
– LAHD 1000 1 000 ml (34 US fl. oz)

**Boundary dimensions**  
– LAHD 500  $\varnothing 91 \times 290$  mm high ( $\varnothing 3.6 \times 11.4$  in.)  
– LAHD 1000  $\varnothing 122 \times 290$  mm high ( $\varnothing 4.8 \times 11.4$  in.)

**Allowed temperature range** –20 to +70 °C (–5 to +158 °F)

**Length of connecting tube** 600 mm (23.5 in.)

**Connection thread** G<sup>1</sup>/<sub>2</sub>

**Suitable oil types** Mineral and synthetic oils

**Container material** Polycarbonate / aluminium

**Tube material** Polyurethane



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