

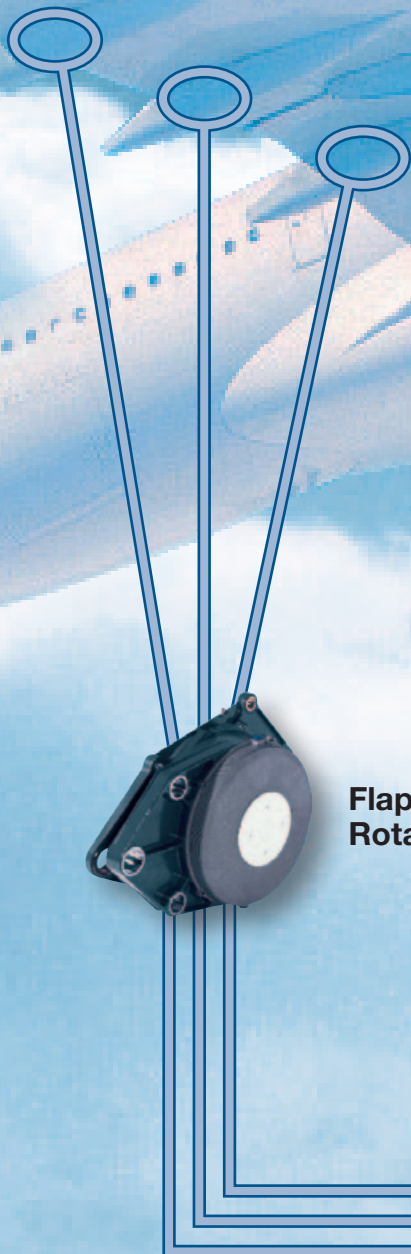
Ground Support Equipment Semifluid Lubrication Unit (SLU) Progress in lubrication technology



LIEBHERR

Features

- For the scheduled in-situ maintenance of semifluid-lubricated actuators and gearboxes
- Already approved for Airbus A330/A340 flap geared rotary actuators
- Automated lubrication process
- Flushing by using conditioned cleaning oil
- Lubricant capacity for one aircraft up to Airbus A380 size
- Possibility of remote trouble shooting by Liebherr Customer Service



**Flap Geared
Rotary Actuator**

Semifluid Lubrication Unit (SLU)



Lubrication Hoses

Five Good Reasons

1 Innovative fully automated maintenance

2 Adaptable for future requirements through modular concept

3 Reduction of direct maintenance costs

4 Easy maintenance on aircraft

5 Quality improvement of the relubrication process with more consistent results

Technical Data	
Control Unit	Touch Screen 15.4", PC controlled
Reservoirs	Reservoir semifluid: 40 l/10 gallons Reservoir cleaning oil: 50 l/13 gallons (temperature controlled) Reservoir disposal: 60 l/16 gallons
Dimensions and weights	
Length x width x height	2080 x 950 x 1460 mm / 81 x 37 x 57 in
Ground clearance	260 mm / 10 in
Spacing of forklift pockets	900 mm / 35 in
Total weight of unit	810 kg / 1786 lb
Hose bundle	
Length of hose bundle	10 m / 393 in
Length of actuator hoses	30 cm / 12 in
Connection data	
Supply voltage to unit	400 V
Pre-fuse	32 A
Operating pressure, hydraulic system	2.5 bar / 36 psi
Operating conditions	
Maximum permitted oil temperature	80° C / 176° F
Noise emission	Noise level at workplace during nominal operation < 70 dB(A)

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Every product line provides a complete range of models in many different versions. With both their technical excellence and acknowledged quality, Liebherr products offer a maximum of customer benefits in practical application.

State-of-the-art technology

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