



HÄNEL

Preventive
value-maintaining
service inspection



Lean-Lift model year 1995 and later

The service tasks and checks to be performed must be carried out by a qualified or specially trained person.

After safety-related structural components are modified, a safety inspection must be carried out according to "F-SichB3".

Generally, applicable national regulations of the country of use, for example the Machinery Directive in Europe, must be followed, as must the operating, monitoring, control and safety instructions of the owner/operator.

Unit data (Lean-Lift)

Customer address
Company / owner/operator:

Commission No.:

Summary:

a) Since the last service, the unit has ☐ has not been converted ☐ has been converted

b) The unit conforms to requirements ☒ YES ☐ NO [continue with c)]

c)  We would like to ensure that your lift is fully functional and its value maintained. Therefore, we recommend that you correct the points listed here as soon as possible:

Last serviced on:

Date of service:

Name of service technician (in block letters):

Signature:

Name of responsible person designated by customer (in block letters):

Signature:



Commissions No:

Preventive service inspection logfor devices of type **Lean-Lift** model year 1995 or later

Technical values or information about the required use of lubricants must be taken from the corresponding operating manual only

The tasks described here in keyword form are intended for inspections, service and checks carried out by a specially trained technician (qualified person). When carrying out work on the lift the authoritative text is that of the current version of "EN 15095" and its published amendments, as well as any additional national requirements of the respective country of use.

Please tick the relevant boxes and enter the requested information in the spaces provided. Then, indicate your evaluation by ticking "Yes" or "No" next to each subject. Where applicable, brief notes, such as "light scratches" can be noted directly in the corresponding field.

1.	<u>Mechanical system</u>	Evaluation Requirements fulfilled
1.1	Installation and operation conditions conform to the intended use (loaded - unloaded) and the assessment of the ambient conditions (e.g. space requirements - temperature - humidity).	☐ YES ☐ NO
1.2	Test run For generally serviceable condition with consideration of the operating conditions and the intended use according to the Operating Manual.	☐ YES ☐ NO
1.3	Running noise (particularly for bearing units, chain guides) Normal => operating as intended	☐ YES ☐ NO
1.4	Drive and carrying chains / drive catch chains Chain links at various locations (approx. every 1 - 2 m/40-80") and inspected for correct chain tension. (spot check) Sufficient lubrication guaranteed for the sliding block guides.	☐ YES ☐ NO
1.5	Connecting shafts Check for proper fastening of the coupling elements and their screw connections	☐ YES ☐ NO





Commissions No:

Preventive service inspection log

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1.	<u>Mechanical system</u>	Evaluation Requirements fulfilled
1.6	Extractor chain wheels / bevel gears Check for tooth deformation and other damage, chipping, cracks, play. All fasteners are present and fully functional (secure fit / torque check) Sufficient lubrication is guaranteed for the bevel gears.	☐ YES ☐ NO
1.7	Gear motor All fasteners are present and fully functional (secure fit / torque check) The permanent lubrication is ensured. There are no leaks.	☐ YES ☐ NO
1.8	Guide rollers (vertical guide) Visual and manual check (by running your hand across surfaces) for deformation or damage. Check the position and fit of the guide roller axle bolts.	☐ YES ☐ NO
1.9	Door locks (of the access points and service access doors) and their keys are present and fully functional.	☐ YES ☐ NO
1.10	Door mechanical system (at the access point) The guides move easily and the cables are fully functional and undamaged	☐ YES ☐ NO
1.11	Special versions — structural extensions Technical values and specific information about use must be taken from the project-specific operating manual and checked for safe function. 	☐ YES ☐ NO ☐ not available





2.	<u>Electrical system</u>	Evaluation Requirements fulfilled
2.1 Wiring	The labels of all conductors and terminals are present and correct. The conduits have no sharp edges and moving conductors are in no danger over their entire traverse path. The insulation of conductors and cables and all cable bushings are undamaged, screw, clamp and plug connectors are in correct position and make secure contact.	☐ YES ☐ NO
2.2 Control system	Installed control system type and version All functions (and every storage compartment) can be selected and carried out.	☐ YES ☐ NO
2.3 Protective motor switch	Check the setting value in accordance with the type plate for protective motor switch in the electrical drawer Note: For models "<i>Without protective motor switch Q1 in the electrical drawer</i>", the variable protective motor switch is integrated in the main switch.	☐ YES ☐ NO ☐ not available
2.4 Limit switches / proximity switches / positioning sensors / height detection	All installed switches, sensors and height detection devices checked for correct function.	☐ YES ☐ NO
2.5 Safety devices at all access points	→ Inspect As safety light barrier or safety light curtain integrated start-up testing (ESPE type 4 in accordance with EN 61496-1). For the safety light curtain, the inspection must be carried out in accordance with (operating/technical instructions of the manufacturer).	☐ YES ☐ NO
2.6 Check the compartment display	The display function is present.	☐ YES ☐ NO ☐ not available
2.7 Soil deposits (in electrical installation spaces or on electrical components)	that either mechanically or thermally impairs proper function has been removed, e.g. on fans (FC), light barriers or light curtains.	☐ YES ☐ NO
2.8 Emergency command devices (incl. main switch)	All actuators and switching elements are undamaged and functional.	☐ YES ☐ NO