

Training

Sharing our skills for your satisfaction



Goal

- Improve your technical teams product knowledge,
- offering the same assistance wherever the technical location by training service points and Lohr service partners,
- optimise maintenance costs and operational availability of vehicles,
- generate improved residual values,
- validate required competences to act on warranty on our products.

Target audience

- Every member of technical team wishing to acquire update or upgrade competences on Lohr car carriers maintenance or repairs.

Général content

- 2 to 4 days modules on Lohr Service workshops or on your premises,
- theoretical and practical days in alternance including work on specific training vehicle,
- measuring and validation of acquired skills,
- possibility of multilingual training (French, English, German, Spanish and Russian).

Various modules

Their content is constantly updated according to Lohr product evolutions
2 specifically interesting ones can be mentioned here :

- **Module A - Generic maintenance:** periodicities, technical checks, wear parts, general and specific lubrication. Hydraulics (3 days)
- **Module B - Electrical system of car carrier** (2 days)



Training on Lohr car carriers maintenance



Module : DCM010

Goals	Target audience	Required base level
<ul style="list-style-type: none"> › Acquire good maintenance methods › Acquire base knowledge in hydraulics › Being able to perform alone most maintenance or breakdown operations on a Lohr car carrier 	Maintenance operators	None

Content

<p>Maintenance</p> <ul style="list-style-type: none"> › Explanation of the various maintenance levels › Phasing of the maintenance levels › Check wear level of various components › Different types of lubrication, greasing <p>Lifting systems</p> <ul style="list-style-type: none"> › Different types of lifting systems (screw, scissors, cables) › Identification of the versions › Wear check procedures <p>Hydraulics</p> <ul style="list-style-type: none"> › Safety rules prior to any operation › Content of a hydraulic circuit › Notion of flow / pressure › The various components of a hydraulic circuit (pump, ram, control valves) › Differences between DANFOSS PVG 32 and REXROTH SM 12 technology. › Functioning and specifics of the various models › Pressure setting method on various models 	<p>Coupling</p> <p>Ball coupling</p> <ul style="list-style-type: none"> › Maintenance intervals › The various versions › Various version of wear pads › Torques <p>Damper</p> <ul style="list-style-type: none"> › Mechanical damper › Pneumatic damper › Pad wear control methods › Replacing pads › Torques <hr/> <p>Risks and prevention</p> <ul style="list-style-type: none"> › Risk assessment on Lohr car carriers maintenance <p>Safety measures prior to any work on car carrier.</p>
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Duration	Location	Valuation
3 days	Lohr Service Duppigheim	By questionnaire

Pedagogic material

Adapted notes/Lohr and components suppliers documentation. Practical training on supplied vehicles.

Validation of skills	What will be needed
Trainee Certificate	Note pad and Personal Protection items

Specific electrics on Lohr car carriers



Module : DCE010

Goals	Target audience	Required base level
<ul style="list-style-type: none"> › Acquire the technological principles of the various electrical components : Valeo, Aspock etc... › Ability to read the electrical diagrams of a Lohr car carrier › Being able to resolve alone a breakdown on a Lohr car carrier 	In house electrical trainer	Fundamental electrical skills

Content

<p>Principles</p> <ul style="list-style-type: none"> › Explanation of the Lohr range of vehicles › Presentaiton of the Aspock range › Presentation of the other components › Principles of circuit and tractor unit preparation › Principles of circuit and body / trailer equipment <p>Integration of components studied on diagrams</p> <ul style="list-style-type: none"> › Method of reading an electric diagram › Analysis of the car carrier diagrams › Conversion from diagram to reality › Identification of points of measure and control › Interpretation of measures <p>Fault finding</p> <ul style="list-style-type: none"> › Theoretical diagnosis › Use of measuring equipment › Practical fault finding procedures 	<p>Practical case study (most frequent cases)</p> <ul style="list-style-type: none"> › Practical test of each component of the electrical circuit. Equipment supplied › Assessment of components, areas to monitor › Fault simulations and practical search <hr/> <p>Risks and prevention</p> <ul style="list-style-type: none"> › Risk assessment on Lohr car carriers electrical work <p>Safety measures prior to electrical work on a car carrier</p>
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Duration	Location	Valuation
2 days	Lohr Service Duppigheim	By questionnaire

Course material

Adapted notes / Lohr and components suppliers documentation. Parctical training on supplied vehicles.

Validation of skills	What will be needed
Training certificate	Note pad and Personal Protection Items