

# 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"> <li>› Acquire good maintenance methods</li> <li>› Acquire base knowledge in hydraulics</li> <li>› Being able to perform alone most maintenance or breakdown operations on a Lohr car carrier</li> </ul>	Maintenance operators	None
Content		
<b>Maintenance</b> <ul style="list-style-type: none"> <li>› Explanation of the various maintenance levels</li> <li>› Phasing of the maintenance levels</li> <li>› Check wear level of various components</li> <li>› Different types of lubrication, greasing</li> </ul> <b>Lifting systems</b> <ul style="list-style-type: none"> <li>› Different types of lifting systems (screw, scissors, cables)</li> <li>› Identification of the versions</li> <li>› Wear check procedures</li> </ul> <b>Hydraulics</b> <ul style="list-style-type: none"> <li>› Safety rules prior to any operation</li> <li>› Content of a hydraulic circuit</li> <li>› Notion of flow / pressure</li> <li>› The various components of a hydraulic circuit (pump, ram, control valves)</li> <li>› Differences between DANFOSS PVG 32 and REXROTH SM 12 technology.</li> <li>› Functioning and specifics of the various models</li> <li>› Pressure setting method on various models</li> </ul>		<b>Coupling</b> <b>Ball coupling</b> <ul style="list-style-type: none"> <li>› Maintenance intervals</li> <li>› The various versions</li> <li>› Various version of wear pads</li> <li>› Torques</li> </ul> <b>Damper</b> <ul style="list-style-type: none"> <li>› Mechanical damper</li> <li>› Pneumatic damper</li> <li>› Pad wear control methods</li> <li>› Replacing pads</li> <li>› Torques</li> </ul> <b>Risks and prevention</b> <ul style="list-style-type: none"> <li>› Risk assessment on Lohr car carriers maintenance</li> </ul> <p>Safety measures prior to any work on car carrier.</p>
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 Personnel Protection items

# Specific electrics on Lohr car carriers



Module : DCE010

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

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

Duration	Location	Valuation
2 days	Lohr Service Duppigheim	By questionnaire

Course material
-----------------

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

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