

Training on LOHR car carriers maintenance

Module DCM010

Goals	Target audience	Required base level
Acquire good maintenance methods	Maintenance operators	None
Acquire base knowledge in hydraulics		
Being able to perform alone most maintenance or breakdown operations on a LOHR car carrier		

Content

Maintenance

- Explanation of the various maintenance levels
- Phasing of the maintenance levels
- Check wear level of various components
- Different types of lubrication, greasing

Lifting systems

- Different types of lifting systems
- Identification of the versions
- Wear check procedures

Hydraulics

- 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 and REXROTH technology.
- Functioning and specifics of the various models
- Pressure setting method on various models

Coupling

Ball coupling

- Maintenance intervals
- The various versions
- Various version of wear pads
- Torques

Damper

- Mechanical damper
- Pneumatic damper
- Pad wear control methods
- Replacing pads
- Torques

Risks and prevention

- Risk assessment on LOHR car carriers maintenance

Safety measures prior to any work on car carrier.

Duration	Location	Valuation
3 Days	LOHR service Duppigheim	By questionnaire

Pedagogic material

Adapted notes/LOHR and components suppliers documentation.

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