

# Recognition Certificate



This is to certify, that the undernoted manufacturer has been recognized in accordance with the relevant regulations of the GL Approval System.

Certificate No.                   GL-EP 60 189 - 09 HH

Manufacturer                    Lippold Hydraulik und Wälzlager GmbH  
Rondenbarg 11-17  
22525 Hamburg, GERMANY

The manufacturer is authorized to carry out supervision and final inspections of the undernoted products on his own responsibility in accordance with the rules of Germanischer Lloyd and to issue Test Certificates as agreed with the Society.

Product Description           NON-METALLIC HOSE ASSEMBLIES

Type of Products               FLAME RESISTANT HYDRAULIC HOSE ASSEMBLIES AND  
NON-FLAME RESISTANT HYDRAULIC HOSE ASSEMBLIES

Designation of Products      DESCRIPTION  
Only type approved hoses and approved fittings of the following manufacturer may be used:

**HOSE MANUFACTURER:**

- Manuli Rubber Ind. S.r.l., Ascoli Piceno-Italy  
1 SN, 2 SN acc. to EN 853 / 4 SP, 4 SH, R 13 acc. to EN 856 / SAE 100R13
- 1 ST, 2 ST acc. to EN 853 / Tractor 2K acc. to EN 857 / SAE 100R16
- 2 TE, 3 TE acc. to EN 854 / Goldenspir 13 acc. to SAE 100R13 / Rockmaster 15

**END FITTINGS MANUFACTURER:**

- Manuli s.r.l., Ascoli Piceno-Italy
- PH Industrie-Hydraulik, Sprockhövel-Germany
- Voswinkel, Meinerzhagen-Germany

Approval Standard           • VI-3-9 Guidelines for the Recognition of Manufacturers of Hose Assemblies and Compensators: 1998.

Documents                    • Audit Report dated 2009-01-23  
• APZ-Nr.: MC-TE-09-0017  
• List of Nominated Persons, Appendix 3 APZ-Nr.: MC-TE-09-0017  
• Quality assurance manual and Quality assurance procedures

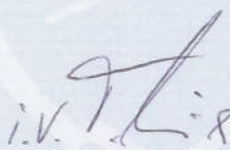
Valid until                    2012-01-23

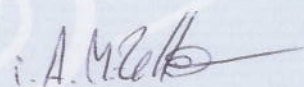
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Hamburg, 2009-02-23

Germanischer Lloyd

  
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