



M1.3 - Detail Training on Service and Maintenance

Aspects of SEW Gearboxes

SEMINAR DESCRIPTION

The seminar is mainly geared towards mechanical maintenance staff that service or repair gear boxes on a daily basis. Focal points are an introduction to the different standard gear unit types and their designation and to give detail maintenance information with which they can identify the cause of the fault replace the spare parts and ensure correct disassembly and subsequent assembly of the gearbox to reduce the machine downtime.

Why this course? –

To improve and to enhance SEW product knowledge in terms of service and maintenance so that unexpected shut downs can be minimized and further higher productivity can be achieved, this is a definite advantage, since the training combines the manufacturers expertise with customer specific requirement in terms of service.

Target group: - Mechanical Maintenance and repair engineers

Seminar Objectives : The participants

Knows basic maintenance and repair aspects of SEW Gearboxes and can be able to handle replacement of all the parts of SEW gearbox independently.

Can find out the fault, determine the cause of failure and reassembled unit correctly.

Benefits :

Improve Gearbox performance & enhancement of maintenance Knowledge of all kind of SEW mechanical products , reduce the cost of Ownership and stay competitive in the industry.

Requirements: Service/ Maintenance engineer, qualified technician, Mechanic,

Location: SEW Training hall

Duration: 1 day

Language: English / Hindi

Max. No. of participants: 5 to 6

- **Contents of training program**

- ❖ **Training on SEW Gearboxes**

- **Theoretical/ Classroom training**

- **Structure, Function and Working Principle of different types of SEW Gear Units**
- **Importance of Breather valve of the gearbox**
- **Study of different types of mounting positions of the Gearbox**
- **Importance of lubrication and recommended lubricants for SEW drives**
- **Lubrication schedule and fill quantities, checking of oil level**
- **Nameplate study of SEW units**
- **Tools requirement to service SEW motor & gearbox**
- **Information on SEW Gearbox Seal and maintenance kit**

- **Practical/ Shop floor training**

- **Practical training on disassembly and assembly of any two types Of gearbox out of R,S,F,K type depending upon customer's Choice**
- **Practical training on other inspection and maintenance aspects of the GB like checking and changing of lubrication oil**
- **Replacement of oilseal, Bearings and internals w/o tools**
- **Identification of all the gearbox spare parts**