

Maintenance instructions for

# **DRIVEN AND ROTATING WHEEL SETS**

**DIN 15090**  
**SIMILAR CONSTRUCTION**



**KARL GEORG**

## **MAINTENANCE PLAN**

### FOR DRIVEN AND ROTATING WHEEL SETS ACCORDING TO DIN 15090 OR SIMILAR CONSTRUCTION

#### **Roller bearings**

On delivery, the self-aligning roller bearings are filled with roller bearing grease.  
Used grease:

Lithium soap grease (EP-alloyed)

Consistency class 2

Drop point approximately 190°C

Application temperature - 30 / + 140°C

for example: Multifak EP2 (Texaco) or comparable products

The self-aligning roller bearings are to be relubricated after approximately 2000 operating hour or at least once a year, up to the used grease escapes out of the seals.

Relubrication is effected by lubricating nipples in the covers or by central lubrication.

If it comes to the pollution of the antifriction bearings (by external influences) because of damaged seals in such a way the seals should be renewed and the bearings with fresh grease be filled.

The indicated maintenance intervals are suited to normal operating conditions. The maintenance intervals are to be shortened for extreme operating conditions (dust, heat humidity).

#### **Crane wheel**

The running surface and the wheel flanges are to be examined for wear every six months. If the wear of the wheel flanges and the running surface diameter is more than 10 mm, the corresponding crane wheel is to be replaced.



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Subject to alterations by the manufacturer for the purposes of further technical development!

Thus, no claims can be derived from the information, figures and descriptions given in these operating instructions.

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