

## Maintenance Kit Guide 500h / 1000h / 2000h

### GMK 5120L

#### Mercedes E5 / T3 engine

### 500 h Maintenance Kit

Help keep your crane making money for you!  
Regular preventative maintenance ensures good reliability.  
Benefit from savings by buying kits instead of individual parts.

Good maintenance at the right time will make a difference in the daily reliability and long-term life of your GMK. The 500 hour kit is equivalent to an average 6 month inspection.



\*The sample image may show a different content than listed below

Should you have any feedback or questions regarding maintenance kits, please contact Grove Product Support.

### 500h Maintenance Kit P/No 04425745

#### Crane reference table

| Crane model | Engine   |    | Crane S/No start | Maintenance Manual | 500h kit P/No |
|-------------|----------|----|------------------|--------------------|---------------|
| GMK 5120L   | Mercedes | T3 | 5120 5601        | 3 303 262/3        | 04425745      |
|             |          | E5 | 5120 5101        | 3 303 262/3        | 04425745      |

The kits basically follow the maintenance plans as shown in chapter 5 of the Maintenance manual. Please refer to this for further details and requirements. There may appear to be some discrepancies with the part numbers given in the Maintenance manual compared to those in the kit. The kit contains the latest recommendations, where any updates are a function of our continuous improvement.

**Kit contents**

| Part No. | Description   | Quantity |
|----------|---|----------|
| 00117134 | Seal (transfer case, axle center drives)                | 1        |
| 00117151 | Seal (transfer case - steel, axle drives, final drives) | 6        |
| 04181265 | Seal (final drives)                                     | 8        |
| 03135778 | Gasket set complete (chassis hydraulic oil filter 2)    | 2        |
| 04165792 | Filter 1 Packing set (Superstructure; Hydraulic system) | 1        |

## 1000 h Maintenance Kits

Help keep your crane making money for you!  
Regular preventative maintenance ensures good reliability.  
Benefit from savings by buying kits instead of individual parts.

Good maintenance at the right time will make a difference in the daily reliability and long-term life of your GMK. The 1,000 hour kit is equivalent to an average 12 month inspection.



\*The sample image may show a different content than listed below

Should you have any feedback or questions regarding maintenance kits, please contact Grove Product Support.

## 1000h Maintenance Kit P/No 04377843 (please consider singalcode/infotext)

### Crane reference table

| Crane model | Engine   |    | Crane S/No start | Maintenance Manual | 1000h kit P/No |
|-------------|----------|----|------------------|--------------------|----------------|
| GMK 5120L   | Mercedes | T3 | 5120 5601        | 3 303 262/3        | 04377843*      |
|             |          | E5 | 5120 5101        | 3 303 262/3        | 04377843*      |

\* please consider singalcode/infotext

The kits basically follow the maintenance plans as shown in chapter 5 of the Maintenance manual. Please refer to this for further details and requirements. There may appear to be some discrepancies with the part numbers given in the Maintenance manual compared to those in the kit. The kit contains the latest recommendations, where any updates are a function of our continuous improvement.

## Kit contents

| Part No. | Description   | Quantity |
|----------|---|----------|
| 03134932 | Super hydraulic oil tank breather                       | 1        |
| 04425795 | Filter element, pressure                                | 3        |
| 03142356 | Super hydraulic oil filter 2                            | 1        |
| 03142360 | Chassis hydraulic oil tank breather                     | 1        |
| 04293664 | Chassis cab pollen filter                               | 1        |
| 03329152 | Chassis hydraulic oil filter 1 & 2                      | 2        |
| 04362245 | Super hydraulic oil filter 1                            | 1        |
| 04286260 | Filter, air dryer                                       | 1        |
| 04377687 | Air filter – main filter (Carrier; Engine)              | 1        |
| 04377688 | Air filter – back-up filter (Carrier; Engine)           | 1        |
| 00117125 | Sealing ring (slewing gear)                             | 2        |
| 00117132 | Sealing ring (slewing gear)                             | 2        |
| 00117134 | Seal (transfer case, axle center drives)                | 6        |
| 00117145 | Seal (transmission)                                     | 1        |
| 00117151 | Seal (transfer case - steel, axle drives, final drives) | 6        |
| 01371208 | Seal (axle center drive)                                | 1        |
| 03135867 | Gasket set (chassis hydraulic filter oil 3, 4 & 5)      | 3        |
| 03326049 | Seal kit (super hydraulic oil filter 2)                 | 1        |
| 04181265 | Seal (final drives)                                     | 8        |
| 04293649 | Fresh air filter (Carrier; Air-conditioning system)     | 1        |
| 04286399 | Engine oil filter                                       | 1        |
| 04161531 | Engine oil filter drain gasket                          | 1        |

**Please note** that the fuel filter is not included in the scope of delivery of this maintenance kit. Please select the filter suitable for your crane serial number and order it separately. Please note the singalcode/infotext during the ordering process.

## 2000 h Maintenance Kits

Help keep your crane making money for you!  
Regular preventative maintenance ensures good reliability.  
Benefit from savings by buying kits instead of individual parts.

Good maintenance at the right time will make a difference in the daily reliability and long-term life of your GMK. The 2,000 hour kit is equivalent to an average 2 year inspection.



\*The sample image may show a different content than listed below

Should you have any feedback or questions regarding maintenance kits, please contact Grove Product Support.

## 2000h Maintenance Kit P/No 04425746 (please consider singalcode/infotext)

### Crane reference table

| Crane model | Engine   |    | Crane S/No start | Maintenance Manual | 2000h kit P/No |
|-------------|----------|----|------------------|--------------------|----------------|
| GMK 5120L   | Mercedes | T3 | 5120 5601        | 3 303 262/3        | 04425746*      |
|             |          | E5 | 5120 5101        | 3 303 262/3        | 04425746*      |

\* please consider singalcode/infotext

The kits basically follow the maintenance plans as shown in chapter 5 of the Maintenance manual. Please refer to this for further details and requirements. There may appear to be some discrepancies with the part numbers given in the Maintenance manual compared to those in the kit. The kit contains the latest recommendations, where any updates are a function of our continuous improvement.

## Kit contents

| Part No. | Description   | Quantity |
|----------|---|----------|
| 03134932 | Super hydraulic oil tank breather                       | 1        |
| 04425795 | Filter element, pressure                                | 3        |
| 03142356 | Super hydraulic oil filter 2                            | 1        |
| 03142360 | Chassis hydraulic oil tank breather                     | 1        |
| 04293664 | Chassis cab pollen filter                               | 1        |
| 03329152 | Chassis hydraulic oil filter 1 & 2                      | 2        |
| 04362245 | Super hydraulic oil filter 1                            | 1        |
| 04286260 | Filter, air dryer                                       | 1        |
| 04377687 | Air filter – main filter (Carrier; Engine)              | 1        |
| 04377688 | Air filter – back-up filter (Carrier; Engine)           | 1        |
| 00117125 | Sealing ring (slewing gear)                             | 2        |
| 00117132 | Sealing ring (slewing gear)                             | 2        |
| 00117134 | Seal (transfer case, axle center drives)                | 6        |
| 00117145 | Seal (transmission)                                     | 2        |
| 00117151 | Seal (transfer case - steel, axle drives, final drives) | 6        |
| 01371208 | Seal (axle center drive)                                | 1        |
| 03135867 | Gasket set (chassis hydraulic filter oil 3, 4 & 5)      | 3        |
| 03326049 | Seal kit (super hydraulic oil filter 2)                 | 1        |
| 04181265 | Seal (final drives)                                     | 8        |
| 04293649 | Fresh air filter (Carrier; Air-conditioning system)     | 1        |
| 04286399 | Engine oil filter                                       | 1        |
| 04161531 | Engine oil filter drain gasket                          | 1        |
| 04158759 | AdBlue (DEF) filter                                     | 1        |
| 03328342 | Strainer (Carrier; Transmission )                       | 1        |
| 03328343 | Spring (Carrier; Transmission )                         | 1        |
| 03328344 | Gasket 42 x 49 Al DIN 7603 (Carrier; Transmission)      | 1        |

**Please note** that the fuel filter is not included in the scope of delivery of this maintenance kit. Please select the filter suitable for your crane serial number and order it separately. Please note the singalcode/infotext during the ordering process.

## Additional Maintenance Items (not included in the kit)

### OILS AND GREASES

Many oils and greases will be available locally to you, we strongly recommend that the specifications given in chapter 6 of the Maintenance manual be followed when selecting any equivalents. These oils and greases have no equivalent and should be ordered from our Parts Department, as required:

Sliding surface 'BOOM GREASE Plus'

- 400 gr. cartridge for spray gun - part number **04299656**
- 400 gr. cartridge - part number **04299657**
- 10 kg can - part number **04299654**
- 25 kg bucket - part number **04299655**

Cylinder rod corrosion protection (400ml spray) - part number **01929824**

Boom pinning 'BOLT GREASE 2.0' (400g cartridge) - part number **03313195**

Suspension lubricant (1-liter bottle) P/No 02310863, (10-Liter) - part number **02312890**

Turntable bearing gear teeth adhesive grease (400ml spray) - part number **S-01032-63**

### OIL ANALYSIS KIT

As part of the annual maintenance, you should take a sample from the hydraulic system (chapter 7 of the maintenance manual) to determine the condition of the hydraulic oil. We recommend our oil analysis kit, which is available under part number **03141012**. The kit contains: an oil sample bottle, oil description form (to be completed) and return envelope. The price of this kit includes laboratory analysis of the sample and report.



## GMK BOOM GREASE KIT

Makes regular maintenance quick and trouble-free. Boom lubrication with the right tools! The boom lubrication kit is designed to provide easy access to inaccessible areas for tasks like lubrication inside the boom through the pinning holes

Tested by our technicians. – Boom Grease Kit part number: **04414162**

Works with High-Pressure Hose, 25m (purchased separately) - part number: **03329072**

For convenience you can also order the total package “Boom Lubrication Kit” including the boom grease and the spray lance under part number **04414402**



p/n 04414162



p/n 03329072



p/n 04414402

## GMK BATTERY CHARGER

Keep your battery charged and ready to go!

Regular preventative maintenance ensures good reliability. Easy and convenient, with the matching Harting plug to connect to your GMK crane already attached.

Heavy-duty battery charger (220V; 24V - 20A, 110 V; 24V - 10A).

Part Number (110V): **04326279**

Part Number (220V): **04326178**

