

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

### GMK 5150-1/ GMK 5150L-1/ GMK 5150XL

#### Mercedes E5 / T4F / T3

### 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 04414510

#### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	500h kit P/No
GMK 5150-1	Mercedes	E5	5150 3501	3 302 979/80	04414510
GMK 5150-1	Mercedes	T4F	5150 0501	3 302 979/80	04414510
GMK 5150-1	Mercedes	T3	5150 7501	3 302 979/80	04414510
GMK 5150L-1	Mercedes	E5	5150 4501	3 302 977/8	04414510
GMK 5150L-1	Mercedes	T4F	5150 1501	3 302 977/8	04414510
GMK 5150L-1	Mercedes	T3	5150 9501	3 302 977/8	04414510
GMK 5150XL	Mercedes	E5	5150 8001	3 303 259/60	04414510
GMK 5150XL	Mercedes	T3	5150 6001	3 303 259/60	04414510

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
03329152	Chassis hydraulic oil filter 1 & 2	2
04362245	Super hydraulic oil filter 1	1
00117134	Seal (transfer case)	1
00117151	Seal (axle center drives, transfer case, angle drive)	6
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
04165792	Gasket set (super hydraulic oil filter 1)	1
04181265	Seal (final drives)	8
03043049	Venting filter (Hoists)	2
01927403	Gasket A 18 x 22 St DIN 7603	2

## 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.

There are **two** 1,000 hour kits for these models. When ordering, please note the information text /signal code and select the correct kit based on the crane serial number.

## 1000h Maintenance Kit P/No 04414023 (please consider singalcode/infotext)

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	1000h kit P/No
GMK 5150-1	Mercedes	E5	5150 3501	3 302 979/80	04414023*
GMK 5150-1	Mercedes	T4F	5150 0501	3 302 979/80	04414023*
GMK 5150-1	Mercedes	T3	5150 7501	3 302 979/80	04414023*
GMK 5150L-1	Mercedes	E5	5150 4501	3 302 977/8	04414023*
GMK 5150L-1	Mercedes	T4F	5150 1501	3 302 977/8	04414023*
GMK 5150L-1	Mercedes	T3	5150 9501	3 302 977/8	04414023*
GMK 5150XL	Mercedes	E5	5150 8001	3 303 259/60	04414023*
GMK 5150XL	Mercedes	T3	5150 6001	3 303 259/60	04414023*

\* 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
03142356	Super hydraulic oil filter 2	1
03142360	Chassis hydraulic oil tank breather	1
03249527	Super hydraulic oil filter 3	1
04293664	Chassis cab pollen filter	1
03329152	Chassis hydraulic oil filter 1 & 2	2
04286260	Filter, air dryer	1
04377687	Main filter element	1
04377688	Safety filter element	1
04425795	Filter element, pressure	3
04362245	Super hydraulic oil filter 1	1
00117125	Sealing ring (slewing gear)	2
00117132	Sealing ring (slewing gear)	2
00117134	Seal (transfer case)	6
00117145	Seal (axle center drives, final drives, transmission)	1
00117151	Seal (axle center drives, transfer case, angle drive)	6
01371208	Seal (axle center drives)	1
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
03135867	Gasket set (chassis hydraulic filter oil 3, 4 & 5)	3
03326049	Seal kit (super hydraulic oil filter 2)	1
04165792	Gasket set (super hydraulic oil filter 1)	1
04181265	Seal (final drives)	8
04285988	Gasket set (super hydraulic oil filter 3)	1
04425918	Fuel filter 1 & 2 kit	1
04158759	AdBlue filter cartridge	1
04293649	Filter (fresh air)	1
03043049	Venting filter (Hoists)	2
01927403	Gasket A 18 x 22 St DIN 7603	2
04161529	Oil drain plug	1
04286399	Engine oil filter	1
04161531	Engine oil filter drain gasket	1

## 1000h Maintenance Kit P/No 04326493 (please consider singalcode/infotext)

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	1000h kit P/No
GMK 5150-1	Mercedes	E5	5150 3501	3 302 979/80	04326493*
GMK 5150-1	Mercedes	T4F	5150 0501	3 302 979/80	04326493*
GMK 5150-1	Mercedes	T3	5150 7501	3 302 979/80	04326493*
GMK 5150L-1	Mercedes	E5	5150 4501	3 302 977/8	04326493*
GMK 5150L-1	Mercedes	T4F	5150 1501	3 302 977/8	04326493*
GMK 5150L-1	Mercedes	T3	5150 9501	3 302 977/8	04326493*
GMK 5150XL	Mercedes	E5	5150 8001	3 303 259/60	04326493*
GMK 5150XL	Mercedes	T3	5150 6001	3 303 259/60	04326493*

\* 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
03142356	Super hydraulic oil filter 2	1
03142360	Chassis hydraulic oil tank breather	1
03249527	Super hydraulic oil filter 3	1
04293664	Chassis cab pollen filter	1
03329152	Chassis hydraulic oil filter 1 & 2	2
04286260	Filter, air dryer	1
04377687	Main filter element	1
04377688	Safety filter element	1
04425795	Filter element, pressure	3
04362245	Super hydraulic oil filter 1	1
00117125	Sealing ring (slewing gear)	2
00117132	Sealing ring (slewing gear)	2
00117134	Seal (transfer case)	6
00117145	Seal (axle center drives, final drives, transmission)	1
00117151	Seal (axle center drives, transfer case, angle drive)	6
01371208	Seal (axle center drives)	1
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
03135867	Gasket set (chassis hydraulic filter oil 3, 4 & 5)	3
03326049	Seal kit (super hydraulic oil filter 2)	1
04165792	Gasket set (super hydraulic oil filter 1)	1

<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
04181265	Seal (final drives)	8
04285988	Gasket set (super hydraulic oil filter 3)	1
04158759	AdBlue filter cartridge	1
04293649	Filter (fresh air)	1
03043049	Venting filter (Hoists)	2
01927403	Gasket A 18 x 22 St DIN 7603	2
04161529	Oil drain plug	1
04362012	Fuel filter 1 & 2 kit	1
04286399	Engine oil filter	1
04161531	Engine oil filter drain gasket	1

## 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.

There are **two** 2,000 hour kits for these models. When ordering, please note the information text /signal code and select the correct kit based on the crane serial number.

## 2000h Maintenance Kit P/No 04414511 (please consider singalcode/infotext)

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	2000h kit P/No
GMK 5150-1	Mercedes	E5	5150 3501	3 302 979/80	04414511*
GMK 5150-1	Mercedes	T4F	5150 0501	3 302 979/80	04414511*
GMK 5150-1	Mercedes	T3	5150 7501	3 302 979/80	04414511*
GMK 5150L-1	Mercedes	E5	5150 4501	3 302 977/8	04414511*
GMK 5150L-1	Mercedes	T4F	5150 1501	3 302 977/8	04414511*
GMK 5150L-1	Mercedes	T3	5150 9501	3 302 977/8	04414511*
GMK 5150XL	Mercedes	E5	5150 8001	3 303 259/60	04414511*
GMK 5150XL	Mercedes	T3	5150 6001	3 303 259/60	04414511*

\* 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
03142356	Super hydraulic oil filter 2	1
03142360	Chassis hydraulic oil tank breather	1
03249527	Super hydraulic oil filter 3	1
04293664	Chassis cab pollen filter	1
03329152	Chassis hydraulic oil filter 1 & 2	2
04286260	Filter, air dryer	1
04377687	Main filter element	1
04377688	Safety filter element	1
04425795	Filter element, pressure	3
04362245	Super hydraulic oil filter 1	1
00117125	Sealing ring (slewing gear)	2
00117132	Sealing ring (slewing gear)	2
00117134	Seal (transfer case)	6
00117145	Seal (axle center drives, final drives, transmission)	1
00117151	Seal (axle center drives, transfer case, angle drive)	6
01371208	Seal (axle center drives)	1
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
03135867	Gasket set (chassis hydraulic filter oil 3, 4 & 5)	3
03326049	Seal kit (super hydraulic oil filter 2)	1
04165792	Gasket set (super hydraulic oil filter 1)	1
04181265	Seal (final drives)	8
04285988	Gasket set (super hydraulic oil filter 3)	1
04158759	AdBlue filter cartridge	1
04293649	Filter (fresh air)	1
03043049	Venting filter (Hoists)	2
01927403	Gasket A 18 x 22 St DIN 7603	2
04161529	Oil drain plug	1
04362012	Fuel filter 1 & 2 kit	1
03328342	Strainer (Transmission)	1
03328343	Spring (Transmission)	1
03328344	Gasket (Transmission)	1
04286399	Engine oil filter	1
04161531	Seal (engine oil drain)	1



## 2000h Maintenance Kit P/No 04414513 (please consider singalcode/infotext)

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	2000h kit P/No
GMK 5150-1	Mercedes	E5	5150 3501	3 302 979/80	04414513*
GMK 5150-1	Mercedes	T4F	5150 0501	3 302 979/80	04414513*
GMK 5150-1	Mercedes	T3	5150 7501	3 302 979/80	04414513*
GMK 5150L-1	Mercedes	E5	5150 4501	3 302 977/8	04414513*
GMK 5150L-1	Mercedes	T4F	5150 1501	3 302 977/8	04414513*
GMK 5150L-1	Mercedes	T3	5150 9501	3 302 977/8	04414513*
GMK 5150XL	Mercedes	E5	5150 8001	3 303 259/60	04414513*
GMK 5150XL	Mercedes	T3	5150 6001	3 303 259/60	04414513*

\* 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
03142356	Super hydraulic oil filter 2	1
03142360	Chassis hydraulic oil tank breather	1
03249527	Super hydraulic oil filter 3	1
04293664	Chassis cab pollen filter	1
03329152	Chassis hydraulic oil filter 1 & 2	2
04286260	Filter, air dryer	1
04377687	Main filter element	1
04377688	Safety filter element	1
04425795	Filter element, pressure	3
04362245	Super hydraulic oil filter 1	1
00117125	Sealing ring (slewing gear)	2
00117132	Sealing ring (slewing gear)	2
00117134	Seal (transfer case)	6
00117145	Seal (axle center drives, final drives, transmission)	1
00117151	Seal (axle center drives, transfer case, angle drive)	6
01371208	Seal (axle center drives)	1
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
03135867	Gasket set (chassis hydraulic filter oil 3, 4 & 5)	3
03326049	Seal kit (super hydraulic oil filter 2)	1
04165792	Gasket set (super hydraulic oil filter 1)	1

<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
04181265	Seal (final drives)	8
04285988	Gasket set (super hydraulic oil filter 3)	1
04425918	Fuel filter 1 & 2 kit	1
04158759	AdBlue filter cartridge	1
04293649	Filter (fresh air)	1
03043049	Venting filter (Hoists)	2
01927403	Gasket A 18 x 22 St DIN 7603	2
04161529	Oil drain plug	1
03328342	Strainer (Transmission)	1
03328343	Spring (Transmission)	1
03328344	Gasket (Transmission)	1
04286399	Engine oil filter	1
04161531	Seal (engine oil drain)	1

## 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**

