

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

### GMK 3050-2 / GMK 3050-3 / GMK 3060-1/ GMK 3060-2 / GMK 3060L / GMK 3060L-1

#### Mercedes T4F/ E5 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 04425781

#### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	500h kit P/No
GMK 3050-2	Cummins	T4F / E5	3050 2501	3 302 853/5	04425781
GMK 3050-3	Cummins	T4F / E5	3060 2601	3 303 129/30	04425781
GMK 3060-1	Cummins	T4F / E5	3050 2501	3 302 990/1	04425781
GMK 3060-2	Cummins	T4F / E5	3060 2601	3 303 131/2	04425781
GMK 3060L	Cummins	T4F / E5	3060 7001	3 302 778/9	04425781
GMK 3060L-1	Cummins	T4F / E5	3060 7101	3 303 086/7	04425781

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
04241348	Engine oil drain plug & seal	1
04286215	Fuel filter 1 E5	1
00117145	Seal (axle center drives)	1
00117151	Seal (axle center drives)	3
04181265	Sealing ring (axle final drives)	6
90049239	Fuel filter 2 E5	1
04257086	Engine oil filter	1

## 1000 h / 2000h Maintenance Kits

Help keep your crane making money for you!  
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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 /2,000 hour kit is equivalent to an average 12 month /24 month inspection.



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

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## 1000h / 2000h Maintenance Kit P/No 04299742

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	1000h / 2000h kit P/No
GMK 3050-2	Cummins	T4F / E5	3050 2501	3 302 853/5	04299742
GMK 3050-3	Cummins	T4F / E5	3060 2601	3 303 129/30	04299742
GMK 3060-1	Cummins	T4F / E5	3050 2501	3 302 990/1	04299742
GMK 3060-2	Cummins	T4F / E5	3060 2601	3 303 131/2	04299742
GMK 3060L	Cummins	T4F / E5	3060 7001	3 302 778/9	04299742
GMK 3060L-1	Cummins	T4F / E5	3060 7101	3 303 086/7	04299742

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## Kit contents

Part No.	Description	Quantity
03142356	Hydraulic oil filter 3	1
03142357	Hydraulic oil filter 4	1
03142360	Ventilation filter element	2
03326193 *	Chassis cab pollen filter	1
04286260	Air dryer filter	1
04377687	Engine main air filter	1
04377688	Engine back-up air filter	1
04257086	Engine oil filter	1
04241348	Engine oil drain plug & seal	1
04286215	Fuel filter 1 E5	1
00117125	Sealing ring (slewing gear)	1
00117132	Sealing ring (slewing gear)	1
00117134	Seal (axle center drives, final drives)	7
00117145	Seal (axle center drives)	1
00117151	Seal (axle center drives)	3
01371208	Seal (axle center drives)	3
03326049	Seal kit (hydraulic oil filter 3 & 4)	2
04181265	Sealing Ring (axle final drives)	6
04155708	O ring transmission oil level & drain	2
04293664 *	2020 Chassis cab pollen filter	1
90049239	Fuel filter 2 E5	1
03143251	Hydraulic oil filter 1 & 2	4

Note\*: GMK 3050-2, 3060-1 and 3060L use chassis cab pollen filter P/No 03326193. GMK 3050-3, 3060-2 and 3060L-1 use chassis cab pollen filter P/No 04293664. The cost of only one of these filters is included in the kit, please suitably dispose of the other one.

## 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**

