

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

### GMK 6300L-1

#### Mercedes T4F 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 04425934

#### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	500h kit P/No
GMK 6300L-1	Mercedes	T4F	6300 5096	3 302 718/9 or 3 302 873/4	04425934

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**

<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
00117134	Seal (transfer case - steel, axle drives)	1
00117145	Seal (final drives)	8
00117151	Seal (transfer case - steel, axle drives, final drives)	6
03135778	Gasket set complete (chassis hydraulic oil filter 2)	2
03135853	Packing set (Hydraulic system)	1
03322877	Filter cartridge (Fuel system filter 1)	1
03322879	Gasket (Fuel system filter 1)	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

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## 1000h Maintenance Kit P/No 04182012

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	1000h kit P/No
GMK 6300L-1	Mercedes	T4F	6300 5096	3 302 718/9 or 3 302 873/4	04182012

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
00117125	Sealing ring (slewing gear)	3
00117132	Sealing ring (slewing gear)	3
00117134	Seal (transfer case, axle center drives)	9
00117145	Seal (axle center drives, final drives, transmission)	8
00117151	Seal (axle center drives, transfer case)	6
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
03135853	Gasket set complete (super hydraulic oil filter 1)	1
03135867	Gasket set (chassis hydraulic filter oil 3 & 4)	2
04362243	Chassis hydraulic filter oil 3 & 4	2
03142360	Chassis hydraulic oil tank breather	1
03249527	Super hydraulic oil filter 3	1
03319602	Super hydraulic oil tank breather	1
03325700	Super hydraulic oil filter 1	1
03326049	Seal kit (super hydraulic oil filter 2)	1
03329152	Filter (Hydraulic system)	2
04157573	Chassis cab pollen filter	1
04286260	Filter, air dryer	1
04163882	Chassis engine main air filter element	1
04163883	Chassis engine safety air filter element	1
04165265	Filter with gasket (Fuel system; small; filter 2)	1
04326492	Filter with gasket (Fuel system ; large; filter 3)	1
04362012	Chassis engine fuel filter 1 & 2 kit	1
04183736	Super engine air filter element	1
03142356	Super hydraulic oil filter 2	1
04285988	Gasket set (super hydraulic oil filter 3)	1
04286399	Chassis engine oil filter	1
04326198	Oil filter with gasket (Engine)	1
03322877	Filter cartridge (Fuel system; filter 1)	1

Part No.	Description	Quantity
03322879	Gasket (Fuel system; filter 1)	1
03328286	Oil tank cover gasket 140 / 90 x 3 (Hydraulic system)	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.

## 2000h Maintenance Kit P/No 04425935

### Crane reference table

Crane model	Engine		Crane S/No start	Maintenance Manual	2000h kit P/No
GMK 6300L-1	Mercedes	T4F	6300 5096	3 302 718/9 or 3 302 873/4	04425935

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
00117125	Sealing ring (slewing gear)	3
00117132	Sealing ring (slewing gear)	3
00117134	Seal (transfer case, axle center drives)	9
00117145	Seal (axle center drives, final drives, transmission)	8
00117151	Seal (axle center drives, transfer case)	6
03135778	Gasket set (chassis hydraulic oil filter 1 & 2)	2
03135853	Gasket set complete (super hydraulic oil filter 1)	1
03135867	Gasket set (chassis hydraulic filter oil 3 & 4)	2
04362243	Chassis hydraulic filter oil 3 & 4	2
03142360	Chassis hydraulic oil tank breather	1
03249527	Super hydraulic oil filter 3	1
03319602	Super hydraulic oil tank breather	1
03325700	Super hydraulic oil filter 1	1
03326049	Seal kit (super hydraulic oil filter 2)	1
03329152	Filter (Hydraulic system)	2
04157573	Chassis cab pollen filter	1
04286260	Filter, air dryer	1
04163882	Chassis engine main air filter element	1
04163883	Chassis engine safety air filter element	1
04165265	Filter with gasket (Fuel system; small; filter 2)	1
04326492	Filter with gasket (Fuel system ; large; filter 3)	1
04362012	Chassis engine fuel filter 1 & 2 kit	1
04183736	Super engine air filter element	1
03142356	Super hydraulic oil filter 2	1
04285988	Gasket set (super hydraulic oil filter 3)	1
04286399	Chassis engine oil filter	1
04326198	Oil filter with gasket (Engine)	1
03322877	Filter cartridge (Fuel system; filter 1)	1

<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
03322879	Gasket (Fuel system; filter 1)	1
03328286	Oil tank cover gasket 140 / 90 x 3 (Hydraulic system)	1
04161531	Seal (chassis engine oil drain)	1
03141323	Oil filter set with gaskets (Transmission)	1
04165291	Super engine oil filter	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**

