

GMK 3050-2 (-3), 3060-1 (-2), 3060L (-1)
Cummins T3 engine
Maintenance Kit P/No 04299741

Grove congratulates you for purchasing maintenance kits. Good maintenance at the right time will make a difference in the daily reliability and long-term life of your GMK. We offer this guide to help you select and utilize these kits efficiently.

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

Crane reference table

Crane model	Engine		S/No start	Maintenance Manual	1000h or 2000h kit P/No
GMK 3050-2	Cummins	T3	3050 1501	3 302 853/5	04299741
GMK 3050-3	Cummins	T3	3050 1601	3 303 129/30	04299741
GMK 3060-1	Cummins	T3	3060 1501	3 302 990/1	04299741
GMK 3060-2	Cummins	T3	3060 1601	3 303 131/2	04299741
GMK 3060L	Cummins	T3	3060 4501	3 302 778/9	04299741
GMK 3060L-1	Cummins	T3	3060 4601	3 303 086/7	04299741

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.

Please note that 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.

Consider additional maintenance items when completing, Y3, Y5, Y6 or Y10 intervals, such as transmission oil and filter, hoist inspection, slewing sensor, cable drums etc. – please refer to the Maintenance manual for more details.

Kit contents

Filters

03134850	Hydraulic oil filter 1 & 2	4
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
04293664	2020 Chassis cab pollen filter	1*

Engine

04286387	Engine main air filter	1
04286388	Engine back-up air filter	1
A104130	Engine oil filter	1
9414101343	Engine oil drain plug seal	1
04182377	Fuel filter 1	1
04257066	Fuel filter 2	1

Seals

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
04155708	O ring transmission oil level & drain	2
04181265	Sealing ring (axle final drives)	6

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 in the kit)

Oil condition analysis:

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.



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 P/No **04299656**
 - 400 gr. cartridge P/No **04299657**
 - 10 kg can P/No **04299654**
 - 25 kg bucket P/No **04299655**
- Cylinder rod corrosion protection (400ml spray) P/No **01929824**

- Boom pinning 'BOLT GREASE 2.0' (400g cartridge) P/No **03313195**
- Suspension lubricant (1-liter bottle) P/No **02310863**, (10-Liter) P/No **02312890**
- Turntable bearing gear teeth adhesive grease (400ml spray) P/No **S-01032-63**
- Central lub. system, cardan shafts etc. high graphite, wide temperature Universal grease (1kg can) **04163374**

Suspension pressure accumulators

To perform the check of nitrogen pressure in the accumulators as explained in the Maintenance manual, we offer a test kit P/No 02257617 (gas bottle adapter and pressure regulator also required). Reference service bulletin SB D20-311 'Accumulator Charging Kit'.

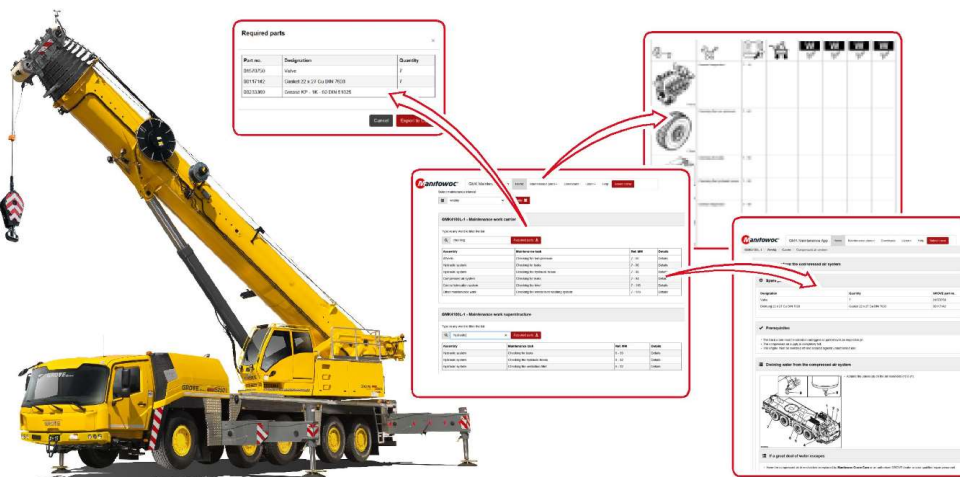
Maintenance video

You may also find our video outlining some simple maintenance procedures useful, under the following link:

<https://www.manitowoccranes.com/en/Resources/videos/2016/Grove-GMKpreventive-maintenance>

Maintenance App

When planning your routine crane maintenance, consider utilizing our GMK Maintenance App.



Visit our dedicated website: <https://eu100.manitowoc.com/GMKMaintenance/>

Read the Quick Start Guide for using the App:

