

GMK 3060
Cummins T4F engines
Maintenance Kit P/No 04241475

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		Crane S/No start	Maintenance Manual	1000h or 2000h kit P/No
GMK 3060	Cummins	T4F*	3060 6001	3 302 573/4	04241475

* some T3 downgrades

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

A104130	Engine oil filter	1
03134850	Hydraulic oil filter 1 & 2	4
03142356	Hydraulic oil filter 3	1
03142357	Hydraulic oil filter 4	1
03142360	Hydraulic tank breather	2
03326193	Filter, ac unit	1
04286260	Air dryer filter	1
90001159	Engine main air filter	1
90001160	Engine secondary air filter	1
90024700	Fuel filter, engine secondary	1
90026681	Fuel filter, engine primary	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
03046046	O ring (slewing gear)	1
03326049	Seal kit (hydraulic oil filter 3 & 4)	2
04155708	O ring (transmission)	1
04181265	Sealing ring (axle final drives)	6
9414101343	Seal (oil pan drain plug)	1

Additional maintenance items (not in the kit)

DEF (Ad-Blue) Filter kit:

1x P/No 90020446 is required for the T4F engine 2000 hour / Y2 maintenance interval. Please order this additionally, as required.

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:

