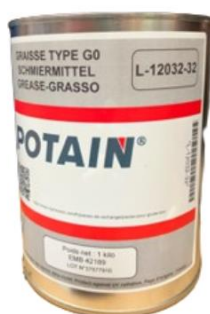




Discover our complete lubrication offer!

POTAIN®





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Introduction

Lubrication plays a crucial role in the maintenance of your Potain tower cranes.

A suitable lubricant will offer an optimal result to your maintenance operations according to the recommended schedule.

Each type of lubricant has its own characteristics (composition, viscosity, penetration rate, etc.) to ensure a precise function according to the constraints (temperature, load, speed, etc.).

Not all lubricants are created equal! Only original products ensure good lubrication and therefore the availability and durability of your equipment in the long term.

Using the wrong lubricant means taking a big risk for a small gain!

The expert's opinion:

All our lubricants are selected according to the specificities of each application in the different conditions of use planned and tested in real conditions. Choosing the recommended lubricant guarantees the best performance and optimal reliability of each of the mechanisms of our machines.



Jeremy. Sr Manager Engineering – Mechanics and Transmissions



Automatic Lubricators

Extend the life of your slewing rings!

For optimum longevity, we recommend using a reinforced fitting.

> GME and GMA range

Automatic greasing system standard version

- LCD screen programming
- LED with grease cycle indicators, empty cartridge, too much pressure
- Reusable drive system
- Comes with a 120cm³ cartridge and Battery Pack (batteries + holder)
- Temperature range: -20°C to +60°C

G2 Grease Refills (delivered with Battery Pack):

- 120cm³: ~ 3 months
- 250cm³: ~ 6 months

Reinforced fitting

Recommended for all uses, especially in case of vibrations



Articles		
Automatic lubricator standard version (with a 120cc cartridge, batteries and holder)		J-01458-97
Battery pack		82007821
Reinforced fitting (classic system, extreme cold or GMA adaptation kit)		K-01458-98
Consumables		
G2 grease refill (supplied with holder and batteries)	120 cm ³	Q-62505-40
	250 cm ³	H-62505-56

Powered greasing system + 24Vdc (without battery)



- LCD screen programming
- LED with grease cycle indicators, empty cartridge, too much pressure
- Reusable drive system
- Power supply +24V permanent, lg 5m. Lubrication only if the crane is working.

Articles		
Powered greasing system		84129222
Power supply 400/230V +24Vdc (non-CCS cranes)		84162246
Consumables		
G2 Grease Refill (supplied with stand and batteries)	120 cm ³	Q-62505-40





Automatic Cold greasing system (-25°C to 60°C)

- Comes with 120cc GM cartridge suitable for extreme temperatures.
- Oiler and cartridge are delivered *without* battery but with the holder.

Add the Reinforced Fitting and the appropriate refills in the table below.

Articles		
Complete cold weather greasing system (with a suitable 120cm ³ cartridge, battery holder. Batteries not included)		84116687
Reinforced fitting (classic system, extreme cold or GMA adaptation kit)		K-01458-98
Consumables		
Cold grease refill (supplied with support but without battery)	120 cm ³	84116686

> GME range only

Chemical greasing system

- Switching time adjustment, easy to use,
- Compact system: 125 cm³ cartridge, no connection or battery required.



Articles	
Chemical greasing system	84031284

> Former GMA (HD/GTMR)

Adapter Kit

For automatic greasing system (automatic lubricator and coupling to be ordered additionally)

Articles			
GMA/HD/GTMR Adapter Kit			N-51458-02
Reduction fittings	M10x100	Q-75375-51	M10x150 V-75375-56
	M8x125	W-75375-57	Bent X-75375-58





Centralized lubrication

> Lubrication of the races

- Compact lubrication unit, easy to install, operating only during a slewing movement and according to an appropriate programming. Up to 20 simultaneous lubrication points
- 1.2 kg tank capacity
- Battery life of 3 to 6 months depending on the frequency of use
- Tank level alert, via in-cab light
- Filling the tank with a grease gun
- 4 x GM J-61032-65 grease cartridges included in the kit
- Supply voltage: 0 – 60VDC
- Temperature range: -35 to +70°C



GM grease can be used without cleaning the slewing ring if it was greased with G2 grease

> Lubrication of the teeth

- The lubrication is provided by a grease pinion and a pumping element fixed to the unit, connected to each other by a hose.
- In use, only the pinion face in contact with the slewing ring provides lubrication.
- A weld-on bracket on the pivot secures this pinion



It is advisable to clean the teeth if the lubrication was carried out with P grease, which is incompatible with GM grease.

Articles

Contact your usual correspondent



Grease Guns

> Electric Grease Pump

For precise and easy lubrication, even under difficult conditions



Battery: 12 Volts Li-ion. Charger included.
Pressure: 562 bar
Battery life: + or - 7 cartridges on a single charge
Hose: 91 cm
Charging indicator

> Manual Grease Pump

For ergonomic lubrication, thanks to its magnetic holder



Pressure: 800bar
Weight: 1.4 kg
2.5cc with each pump
The kit includes 1 screw-on cartridge adapter (1) and 10 traditional cartridge pushers (2)

> Lubrication extension kit

To grease difficult access points, use our extension kit, consisting of a 1.5m hose with a 200mm straight extension and a 200mm angled extension.



Articles		
Electric Grease Pump		84155029
Additional battery		84155031
Manual Grease Pump		84066027
Screw-in cartridge adapter (1)		84066028
Traditional Cartridge Adapter (2)		84066029
Lubrication extension kit		84164377

Consumables		
Grease cartridges 400g	G2	GM
Traditional	H-01032-54	J-61032-65
Screw-in	84066032	84066033



Greases

> Slewing rings

Standard quality for G2 type race		
E-01032-51* 	Cartridge 400 g	H-01032-54
	400g screw cartridge	84066032
	5 kg can	G-01032-53

Top quality for GM type race and teeth		
T-61032-74* 	Cartridge 400 g	J-61032-65
	400g screw cartridge	84066033
	20 kg can	U-61032-75

P type teeth <i>(Incompatible with GM)</i>		
P-61032-60*	Spray 400ml	S-01032-63

> Reducers

Type S00		
H-12032-52* 	250 g tube	82016145
	5 kg can	J-12032-53
	50 kg can	K-12032-54

Type G0		
K-12032-08* 	1 kg can	L-12032-32
	18 kg can	P-12032-12

> TCL crane operator

Power Cable		
	100 g tube	84055311

Rack and pinion		
	Cartridge 400 g	84055312

* Generic code cannot be ordered. Refer to the codes on the right.





Oils

> Reducers

Type RC		
Q-12032-13* 	5 liters	W-61032-77
	25 liters	S-12032-15

Type HR		
H-61032-87* 	5 liters	84055632
	25 liters	84108905

Type HRA		
Q-61032-94* 	5 liters	84055662
	25 liters	84108906

Type RSC		
S-61032-96* 	5 liters	84055634
	25 liters	T-61032-97

Type RSY		
C-61032-36* 	5 liters	84055633
	25 liters	M-61032-91

TCL crane operator		
	5 liters	84055313

> Telescoping hydraulics

Type E (standard)		
E-12032-26* 	5 liters	84108903
	25 liters	G-12032-28

Type F (extreme cold)		
B-01032-48* 	5 liters	84108902
	25 liters	D-01032-50

> GMA Hydraulics

Type I		
P-61032-47* 	5 liters	84108904
	25 liters	Q-61032-48

Type EFBIO		
R-61032-72* 	5 liters	82023887



> GMA Generator

Generator type P9000 / P11000	
5 liters	84064007

* Generic code cannot be ordered. Refer to the codes on the right.



Specific lubricants

> Spigots

To be used in every assembly.

- Designed to increase the life of masts with pins connections
- Easy axle assembly
- Corrosion protection
- Strong adhesion to metal surfaces
- Use from -25°C to +50°C, storage from -40°C to +60°C.



Spigots ATD type axes

N-61032-23*	1 kg can	T-61032-05
	5 kg can	84066107

> Cables

Only for lifting and lufing steel cables.

- Deposits a protective film of oil that resists mechanical pressures (pulleys, drums, etc.)
- Reduces friction, fouling and abrasive wear
- Protects against corrosion
- Weather resistance
- For effective application, we recommend that you clean the wire rope thoroughly before processing,
- Spray a thin layer in several times for optimal protection,



Type LC

Spray 400 ml		P-61032-70
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Universal Lubrication Kit

If your crane is equipped with a battery-operated motorized lubrication system, it is imperative to change the grease cartridges periodically to ensure proper lubrication of the slewing ring. Potain also recommends greasing the hoist cable periodically to increase its lifespan.



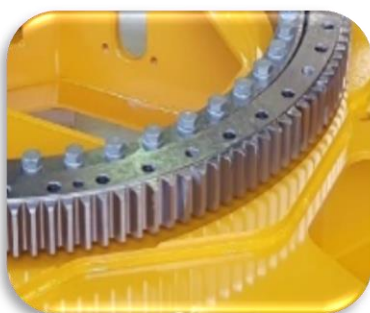
Composition

- 4 refills for automatic grease systems
- 1 can of grease P for slewing ring teeth
- 1 can of LC grease for hoisting rope
- One kit covers: 6 months of maintenance for a GMA, 3 months for a GME

Benefits

- Brings better availability: fewer site stoppages
- Saves money in the medium term: less change of high-value components
- Ensures you optimize resale value

It is possible to record your maintenance in our maintenance logbook.



Universal lubrication kit for cranes with automatic greasing systems

Complete GME or GMA kit

84129896

Neutral maintenance logbook

Neutral maintenance logbook

V-85985-92