

TRUCKMASTER

heavy duty chassis lube system grade 2 grease

The Truckmaster chassis lube system uses the greasemaster compac pump to operate blocmaster progressive grease dividers. These dividers send the grease to the lube points on the truck in predetermined quantities as per the truck requirements. These quantities can be adjusted.

The system is operated via the controlmaster electronic control unit mounted in the truck cab.

Due to the operating principal of the system all lines and grease dividers are automatically monitored for blockages. If a blockage or other fault occurs an audible alarm in the controlmaster module sounds.

The truckmaster system uses all greases from NLGI grade 000 to 2.



Pump Specification:

Capacity	2Kg Nominal 5Kg and 7Kg reservoirs also available
Grease Specification	Lithium NLGI 2
Voltage	12/24V
Motor Output Power	3.2W
Current Max	2A
Speed-12V	9RPM
Speed-24V	15RPM
Output Pressure	Adjustable up to 200bar
Delivery	Adjustable up to 0.25cc Per Min
Temperature Range	+40c -15c
Filling	1/8 bsp Port with grease nipple
Weight	7kg - full
Size	220w x 255h x 270d

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TRUCKMASTER

The importance of automatic lubrication systems on mobile machinery cannot be underestimated. These systems provide the lubrication points with grease using the “little and often” approach. This small amount of grease delivered at regular intervals ensures a lubricant film is always maintained, therefore minimising friction and wear.

Another advantage is the grease forms a seal around the lubrication points preventing contaminants such as dirt and water from entering and “grinding” them away.

The amount of grease used is less than that from manual greasing as over lubrication with this controlled system is prevented.

Due to the dividers having internal pistons it is impossible for the grease to take the least line of resistance. All lube points will receive their required grease quantity.

Our system has these additional advantages;

- GREATLY REDUCES WEAR AND TEAR
- REDUCES LUBRICANT COST
- DOWN TIME REDUCED
- SAVES ON MAINTENANCE COSTS
- OFFERS QUICK RETURN ON INVESTMENT
- PUMPS WITH INBUILT TIMERS
- PUMPS WITH REMOTE TIMERS
- HANDLES GREASE UP TO GRADE 2
- REACHES HARD TO GET POINTS
- INCLUDES SYSTEM MONITORING

TRUCKMASTER COMPONENTS



BLOCMASTER DIVIDERS

Blocmaster Progressive Dividers are devices which accept grease from the grease pump and divide this grease into various output quantities to suit the varying sizes of lubrication points on the truck.

The dividers consist of individual anodised cast aluminium wafers connected via tie bars. Each wafer has two outlets.

The internal steel metering pistons operate in brass sleeves.

Wafers with various metering piston sizes are available to enable the system design to correctly proportion the grease to each lubrication point.

Each Blocmaster has a grease nipple fitted near the inlet to manually grease in the event of a pump malfunction.

The end wafer of the Blocmaster has a visual indicator to check the Blocmaster operation.

Blocmasters are “tamperproof” allowing complete reliability.

Blocmasters can be fitted with a waterproof electrical switch to allow monitoring of all lubrication points in the system when used with GT3x Control Unit.

CONTROL MASTER

These control units are designed to control the operation of the Greasemaster 3 and Greasemaster compac pumps.

They are installed to the inside of the operators cab in a position where the L.E.D. displays and push buttons can be viewed and operated.

The schematic shows an overview of a standard system with the pump feeding the primary grease divider. This in turn supplies the three secondary dividers with their outlets serving the lubrication points

