

GREASE VOLUME DELIVERED METER

TAKE THE GUESS WORK OUT
OF MANUAL LUBRICATION



lubecore™



NEXT GENERATION AUTOMATED LUBRICATION

Based in Campbellville, Ontario, Lubecore was founded in 2008. We design, assemble, manufacture, market, install and guarantee state-of-the-art automated lubrication systems. We own machines and tooling as well as intellectual property such as designs and specifications, and we also use contract suppliers. We have patents pending on next-generation developments in automated lubrication.

GREASE VOLUME DELIVERED METER



- Take the guesswork out of grease volume delivered requirements
- Apply just the right amount of grease
- Protect your seals from over or under lubrication
- Meet equipment manufacturer requirements
- Keep accurate records

When greasing with a manual grease gun, we recognise the following questions:

1. How much grease is in "one pump" from a manual grease gun?
2. How much comes out of the air operated gun when pulling the trigger?
3. How much grease has been pumped in ?
4. How much was spilled beside the fitting?
5. When temperatures drop, is the grease-gun cylinder reloading? At 100% capacity? Less? Not at all?
6. Are there air pockets present in the grease?
7. How many pumps of grease were applied in total?

GREASE VOLUME DELIVERED METER TAKES THE GUESS WORK OUT OF MANUAL LUBRICATION

1. Grease Volume Delivered Meter (GVD Meter) can be used in conjunction with a grease gun

- GVD displays accurate measurement of the volume delivered to critical grease points
- Allows you to meet equipment manufacturer lubrication instructions
- Protects your critical bearings from over or under lubrication
- Reduce downtime caused by over or under lubrication



2. GVD can be used in combination with a progressive divider valve

- In this case, a progressive divider valve is used to control the volume of grease going into a number of grease points
- The ratio and volume of grease per point is regulated by the progressive divider valve
- Each grease point receives the correct volume as designed / specified
- The total volume of grease required for the group of points is known, and the GVD measures and records the volume delivered to the entire group of grease points
- The responsibility for meeting lubrication requirements lies with the **machine operator**
- The responsibility to measure and record grease delivered lies with the **equipment operator**





3. Automatic delivery of grease to grease points

- In this case, an automatic lubrication system feeds the progressive divider valve(s) with a GVD Meter on the progressive divider valve
- The pump delivery is set up to meet the equipment manufacturers greasing requirements
- Grease is delivered in small portions during operating hours instead of in single, manual applications
- The amount of grease delivered is measured and recorded in the GVD
- Allows for manual override
- The responsibility for meeting lubrication requirements lies with the **machine operator**
- The responsibility to measure and record grease delivered lies with the **equipment operator**



4. GVD can be installed in series in the mainline of an automated lubrication system

- The pump delivery is set to meet the equipment manufacturers greasing requirements by means of an electronic timer
- Equipment running hours are measured, and grease delivery is designed to meet equipment manufacturers specifications
- Grease is delivered in small portions over the course of operating hours instead of in single, manual applications
- The amount of grease delivered is measured and recorded in the GVD
- Allows for manual override
- The machine operator is responsible for recording the daily volume of grease delivered
- The responsibility for meeting lubrication requirements lies with the machine operator

LUBECORE CANADA

Lubecore International Inc.
7065 Twiss Road
Campbellville, Ontario,
Canada
L0P 1B0
905.864.3110
www.lubecore.com

LUBECORE USA

Lubecore International Inc.
12730 Robin Lane
Brookfield, Wisconsin
53005, USA



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