PRODUCT DATA SHEET

LUBRI-CUP

TECHNICAL CHESTERTON® PRODUCTS

Description

Chesterton® Lubri-Cup is an automatic dispensing device designed to be used with Chesterton's high performance greases. The refillable unit prevents both over and under-filling of bearing housings and saves labor downtime for both relubricating and replacing bearings that have prematurely failed as a result of improper lubrication.

How It Works

The Lubri-Cup is a demand-feed system. Bearings get only as much lubricant as they need.
The natural vacuum created in a bearing (venturi action) gently draws the grease into the housing.
When equipment isn't operating, there is no grease demand.

The Lubri-Cup requires under 2 psi pressure to move the grease into the housing. This low pressure ensures that seals will not be damaged. With manual greasing using high pressure grease guns, there is no way to know exactly how much grease has been pumped into the bearing housing. A "few squirts" or until the grease comes out the other side is typical. At this point, the seal is blown. This, in turn, can let grease leak out leading to premature bearing failure.

Typical Physical Properties

Material of Construction	Transparent Polycarbonate
Reservoir Capacity	56,7 g (2 oz)
Dimensions	60,3 mm (2 3/8") diameter 117,5 mm (4 5/8") height
Temperature Limits	–23°C (–10°F) - 121°C (250°F)
Connections	1/8 NPT or 1/8 BSP

The Lubri-Cup prevents over-lubrication as well. This is every bit as important as underlubricating. As bearing speeds get faster and equipment runs hotter, there is less and less tolerance to overlubrication. In fact, users should know that at very high speeds, overlubricating can be more damaging than underlubricating!

How Long Will It Last

If an oiler typically greases by hand once a week, using the Lubri-Cup, he should only have to lubricate once every six weeks. On average, the typical ratio of using the Lubri-Cup versus hand lubrication is 1 to 6.

Upon first installation, the grease cups should be carefully watched to determine if the seals on the housing are worn. If this is the case, there will be no back pressure on the units and the grease will be rapidly discharged into the bearing housing. A grease cup will not regulate-feed under these circumstances. In this case the seals need to be replaced.

Directions

Installing the Lubri-Cup is easy. Simply fill the cup and screw onto standard grease inlets.*
Detailed instructions are found inside every box of ten.

*Adaptors may be needed depending on thread size of inlet fitting

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DISTRIBUTED BY:

CHESTERTON® LUBRI-CUP

- *Fewer Man-hours Spent Re-lubricating*
- *Less Grease Used*
- *Fewer Replacement Bearings*
- *Less Down-time for Bearing Replacement*

$$$ SAVINGS

For High Performance
Lube Needs in All Industries Use:
***615* High Temperature Grease – *615* HTG #1**

For Food, Beverage and Pharmaceutical Use:
***629* High Temperature White Grease – *622* White Grease**

HOW MUCH COULD YOU SAVE? *See for yourself...*

Machine downtime for greasing
Number of hours per week _____ *x 50 wks =* _____
x machine hour rate $ _____ *= $* _____

Man-hours for greasing
Number of hours per week _____ *x 50 wks =* _____
x man-hour rate (include benefits) $ _____ *= $* _____

Cost of lost grease due to over greasing... $ _____ ***(typically $250.)***

Cost of new bearings due to over/under greasing $ _____

New bearing installation costs $ _____

Value of lost production time $ _____

Your total cost $ _____