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REFILLABLE AUTOMATIC LUBRICATORS

MCGL100-01 (100ml Capacity) / MCGL 220 (220ml Capacity)

Thank you for purchasing either a Macnaught MCGL100 or MCGL220 Automatic Lubricator Bearing.

The Macnaught Refillable Automatic Lubricators have been designed for use in all industries where automatic lubrication is required, for example, bearings, bushings, joints, articulated joints, rolling presses, elevators, fans, turbines, etc.....

Macnaught also manufacture a complete range of retractable hose reels, oil dispensing nozzles, fuel pumps, oil pumps, positive displacement flowmeters, greasing equipment and a complete range of accessories to suit any of your fluid handling requirements.

Please read and retain this instruction manual to assist you in the operation and maintenance of this quality product.

GENERAL INFORMATION

The Automatic lubricators are supplied with 2 different strength springs. Each spring is designed to provide different grease pressures, which is required depending on grease viscosity.

The yellow spring (medium tension) is designed for greases up to NLGI no2. (refer to table 1)

The Black spring (strong tension) is designed for greases up to NLGI no4 (refer to table 1)

If you experience any problems with this product, please contact your nearest Macnaught Distributor, or Authorised Macnaught Service Centre.

SPRING SELECTION

Select the spring required, refer to table 1.

1) Carefully unscrew the cylinder from the head assembly.

Note: The cylinder is under spring tension.

2) Remove the spring from the lubricator and replace with the required strength spring, (refer to table 1).

3) Carefully screw the cylinder onto the head assembly and lock together firmly.

Temp (Deg C)	NLGI no1	NLGI no2	NLGI no3	NLGI no4
- 23 - + 24	Y	B	B	B
+ 5 - + 20	Y	Y	B	B
+ 21 - + 50	Y	Y	Y	B
+ 51 - + 132	Y	Y	Y	Y

Y = Yellow spring
B = Black spring

(Table 1)

OPERATION

1) Fit the 10mm x 1mm outlet thread on the lubricator to the desired greasing point on your equipment.



MCGL220-01 (220ml)



MCGL100-01 (100ml)

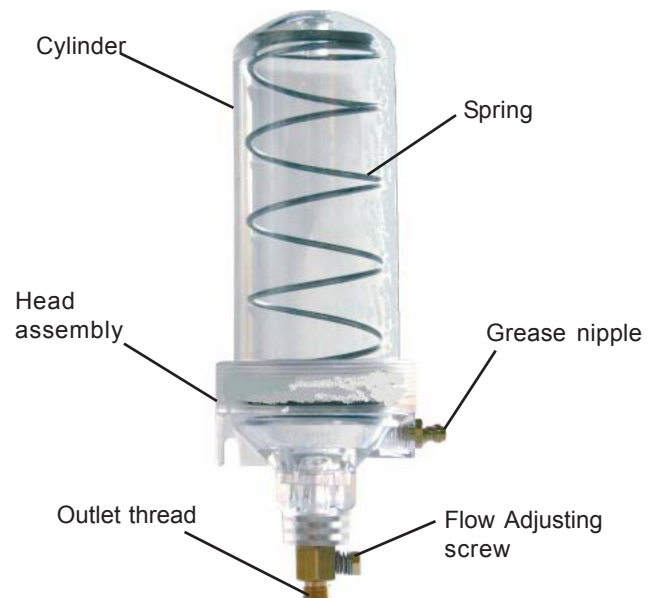
- 2) Fully close the flow adjusting screw.
- 3) With the use of a standard grease gun, attach the grease gun coupler to the grease nipple located on the side of the lubricator and fill the lubricator with grease.
- 4) Adjust the flow adjusting screw to give the desired flow rate.

Note: The face of the adjusting screw has 12, 6, 3, 1 month markings stamped on it. This represents the amount of time to empty the lubricator from full.

Regulate to the desired flow, rotate the adjusting screw and aligning the desired number with the line engraved on the adjusting screw body.

WARNING

Note: Do not over fill



SPECIFICATIONS

MCGL100-01	100 ML Capacity
MCGL220-01	220ML Capacity
CONSTRUCTION	*Lexan, Brass, Spring Steel, Nitrile Rubber
MINIMUM TEMP	-23 Deg C
MAXIMUM TEMP	+ 132 Deg C
GREASE RANGE	NLGI no0 - NLGI no4
MAXIMUM PRESSURE	200 PSI (When bulk filling lubricator)

WARRANTY POLICY

Macnaught Pty Ltd ("Macnaught") warrants that all Products manufactured by Macnaught and purchased after 1st of July 1999 will be free from any defects caused by faulty materials or workmanship for a period of (5) years from the date of purchase of the product, provided that during the Warranty period:

- 1) Macnaught receives notice setting out full details of any defect in any product and details of the time and place of purchase.
- 2) The Purchaser, at their own cost returns the product to the nearest authorized Macnaught service center.

For componentry contained in the product, (such as o-rings, seals, springs and hoses) which are subject to wear, the warranty period will be (12) months from the date of purchase of the product.

Macnaught shall, at its option repair or replace any product found defective by its inspection. This warranty does not cover failure of parts or components which, in the judgment of Macnaught, arises from misuse, abrasion corrosion, negligence, accident, substitution of non-Macnaught parts, faulty installation or tampering.

If Macnaught inspection discloses no defect in material or workmanship, repair or replacement and return will be made at customary charges.

Macnaught's liability and the purchaser's rights under this Warranty shall be limited to such repair or replacement and in particular, shall not extend to any direct, special, indirect or consequential damage or losses of any nature.

The foregoing warranty supersedes, voids and is in lieu of all or any other warranties.

*Note: This warranty does not form part of, nor does it constitute, a contract between Macnaught and the end-user or purchaser. It is additional to any warranty given by the seller of the products.

This warranty does not exclude, limit, restrict or modify the non-excludable rights or remedies conferred upon the end-user or purchaser, or the non-excludable duties or liabilities imposed on the seller or Macnaught, by Part V, Divisions 2 and 2A of the Trade Practices act 1974 (Commonwealth) or other legislative provisions. Macnaught otherwise excludes, to the extent permitted by law, any rights conferred on the end-user or duties or liabilities imposed upon it."



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