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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 Bearing Lubricator.

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 (Table 1)
B = Black spring



MCGL220-01 (220ml)



MCGL100-01 (100ml)

OPERATION

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

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.

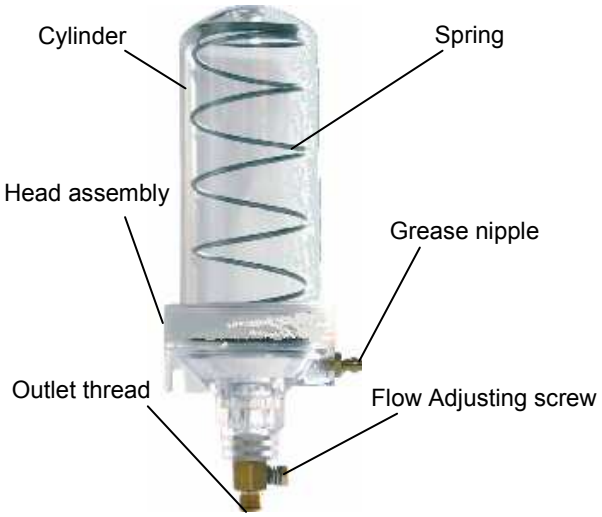
4) Adjust the flow adjusting screw to give the desired flow rate.

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)

macnaught

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macnaught warranty

1. Macnaught Pty Ltd ("Macnaught") warrants that all products manufactured by Macnaught and/or supplied by Macnaught under the "Macnaught" brand, excluding M-Series positive displacement meters ("Meters") and components subject to wear, will be free from any defects caused by faulty materials or workmanship ("Warranty") for a period of 5 years from the date of purchase of the product.
2. For products (excluding Meters) which carry the "Macnaughtdesign" endorsement, an additional Warranty period of 5 years applies to all mechanical components (excluding electronic and electrical components), giving a total Warranty period of 10 years.
3. For Meters, the Warranty period is 12 months from the date of purchase of the product.
4. For components contained in all products which are usually subject to wear from normal operation of the products (such as o-rings, seals, springs, hoses and batteries), the Warranty period is 12 months from the date of purchase of the relevant product.
5. For products and components which are not manufactured by Macnaught and are supplied by Macnaught under a brand name other than "Macnaught", the Warranty period is the longer of 12 months from the date of purchase of the relevant product and the period of the manufacturer's warranty.
6. The warranties contained in clauses 1, 2, 3, 4 and 5 above are conditional on the purchaser, during the relevant Warranty period:
   a. delivering to Macnaught a detailed notice setting out full details of any defect in any product and details of the date and place of purchase (together with copies of purchase receipts and/or other supporting documents), and
   b. at the purchaser's own cost, returning the defective product to the nearest authorised Macnaught service centre.
7. Subject to compliance by the purchaser with clause 6, Macnaught shall, at its option, repair or replace any product or component found defective by its inspection by reason of faulty materials or workmanship of Macnaught.
8. This Warranty does not cover the failure of products, parts or components which, in the sole judgment of the Macnaught, arises other than from faulty materials or workmanship of Macnaught, including misuse, abrasion, corrosion, negligence, accident, substitution of non-Macnaught parts, unauthorised modification, importer use, storage or handling, faulty installation or tampering by the purchaser or any third party.
9. If Macnaught's inspection discloses no defect in material or workmanship, repair or replacement and return (at Macnaught's sole option) will be made at customary charges, which will be advised to the purchaser.
10. Macnaught's liability and the purchaser's rights under this Warranty shall be limited to the repair or replacement of defective products or components and particular, shall not extend to any direct, special, indirect or consequential damage or losses of any other warranties.
11. The foregoing Warranty supersedes, voids and is in lieu of any other warranties.

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, Division 2, 2A, and Part VA of the Trade Act1974 (Commonwelth) or other rights conferred on the end-user or purchaser or duties or liabilities imposed upon Macnaught.