

# GREASOMATIC®96

The only Single Point Automatic Lubricator  
manufactured in **Great Britain**

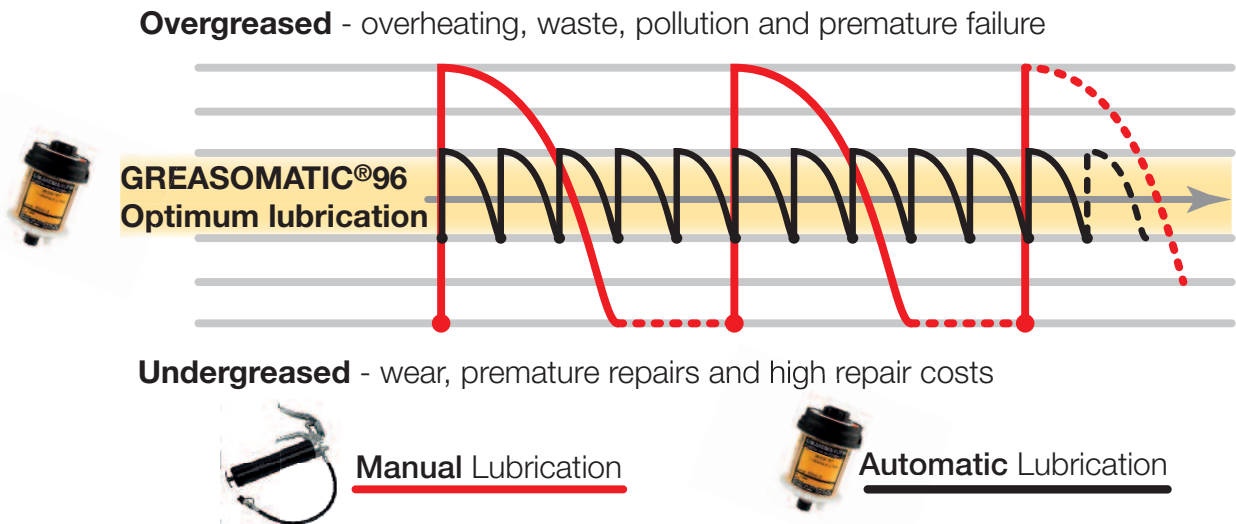


**Wymark Ltd**, Runnings Road Industrial Estate, Cheltenham, Gloucestershire GL51 9NQ England  
Telephone: +44 (0) 1242 520 966. Fax: +44 (0) 1242 519 925.  
Email: [sales@wymark.co.uk](mailto:sales@wymark.co.uk) Web: [www.wymark.co.uk](http://www.wymark.co.uk)

## Advantages of **GREASOMATIC®96** automatic lubrication

**GREASOMATIC®96** single point automatic lubricators are the most cost effective alternative to manual lubrication. With over 50 years of experience **Wymark Limited** has learnt that in reality manual lubrication either doesn't get carried out enough or gets carried out too much. Both under and over lubrication cause premature bearing/machine failure.

### **GREASOMATIC®96** OPTIMUM LUBRICATION



The **GREASOMATIC®96** supplies a continuous and precise volume of lubricant providing optimum lubrication.

## Benefits of **GREASOMATIC®96** automatic lubrication

### **MANUAL/GREASE GUN LUBRICATION**

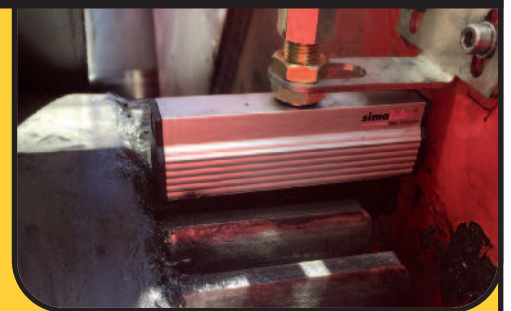
- No further need for costly time consuming manual lubrication.
- Labour saving/less labour intensive maintenance.
- Improved health and safety.
- Reduction in lubricant consumption.
- Lessen environmental impact.

### **ASSET RELIABILITY/CARE**

- Reduced costly downtime and failures.
- Improved production performance.
- Extend asset life.
- Reduce maintenance costs.

### **RATIONALISE/SIMPLIFY**

- Ensure the correct lubricant is being used in the correct quantity, in the correct place at the correct time.
- No more cross contamination of lubricants.
- No more ingress of contaminants into the application.



## Features of GREASOMATIC®96

- Easy to use. No starter screws or tools required.
- Hermetically sealed.
- Flexible duration settings 1, 2, 3, 4, 6, 8 and 12 months.
- Contains no hazardous batteries/cells inside for easy disposal.
- Wide operating temperature range.
- Can be fitted remotely up to 5 metres away from application.
- No costly/unnecessary power pressure/booster required.
- Pressure relief valve to notify of blocked lubrication pathway.
- All lubricants used in the **GREASOMATIC®96** are tested for suitability.
- Large range of over 200 lubricants to choose from.
- FREE lubricant suitability testing for customers.
- Easy to inspect/observe dispensing progress through clear graduated sight viewing window.
- Robust and reliable product.
- Safe for use in hazardous zones 1 & 0 and classified under the ATEX DIRECTIVE 94/9/EC as not having it's own source of ignition, making it the only choice for mining underground and oil production offshore.



## Applications for GREASOMATIC®96

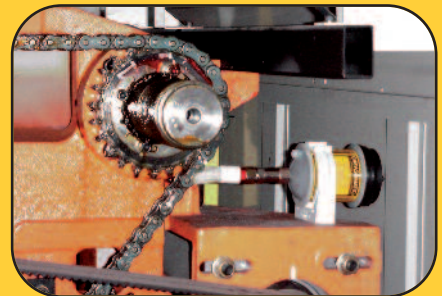
**Wind Turbines** – Yaw, pitch & main bearings



**Quarrying** – Greasomatics fitted remotely 5 metres away from the conveyor bearings



**Chains** – Using oil and brush assembly



**Food & Beverage** – Transfer conveyor



**Waste Water** – Screening equipment



**Power Generation** – Coal transfer conveyor



**Open Gears** – Brush application



**Waste Water** – Process equipment



Foundries • Underground & Surface Mining • Plastic Moulders • Oil Refineries/Rigs  
Lifts/Elevators • Dockside Equipment • Airports • Steel Manufacturing

# GREASOMATIC®96 Lubricants

## APPLICATIONS

### GREASE

|                                           | NLGI  | THICKENER                  | TEMPERATURE RANGE | VISCOSITY Cst. @ 40°C | ROLLER BEARINGS | PLAIN BEARINGS/SLIDES | LINEAR GUIDES | GEARS | SPINDLES/LEAD SCREWS | SHAFT SEALS | CHAINS |
|-------------------------------------------|-------|----------------------------|-------------------|-----------------------|-----------------|-----------------------|---------------|-------|----------------------|-------------|--------|
| MULTI-PURPOSE 2<br>Code: GMMP             | 2     | Calcium Sulphonate Complex | - 25°C +163°C     | 73                    | ✓               | ✓                     | •             | •     | ✓                    | ✓           | ✗      |
| MULTI-PURPOSE 0<br>Code: GMOGO            | 0     | Calcium Sulphonate Complex | - 35°C +163°C     | 38                    | ✓               | ✓                     | ✓             | •     | ✓                    | ✓           | ✗      |
| EXTREME PRESSURE WITH MoS2<br>Code: GMEPM | 1     | Lithium Complex            | - 40°C +170°C     | 130                   | ✓               | ✓                     | •             | •     | •                    | ✓           | ✗      |
| WATERPROOF<br>Code: GMOGPLUS              | 2.5   | Calcium Sulphonate Complex | - 20°C +163°C     | 1358*                 | ✓               | ✓                     | •             | •     | •                    | ✓           | ✗      |
| WATERPROOF<br>Code: GMWP                  | 2     | Lithium Complex            | - 20°C +130°C     | 1000                  | ✓               | ✓                     | •             | •     | •                    | ✓           | ✗      |
| HIGH TEMPERATURE<br>Code: GMPEERLLG       | 2     | Calcium Sulphonate Complex | - 20°C +300°C     | 100                   | ✓               | ✓                     | •             | •     | •                    | •           | ✗      |
| OPEN GEAR<br>Code: GMOG                   | 0/1   | Aluminium                  | -30°C +70°C       | 180                   | •               | •                     | •             | ✓     | •                    | •           | ✗      |
| CHAIN + WIRE<br>Code: GMCS                | 00/00 | Lithium Complex            | -10°C +100°C      | 900                   | ✓               | ✓                     | ✓             | ✓     | •                    | ✗           | ✓      |
| FOOD GRADE<br>Code: GMFG                  | 2     | Calcium Sulphonate Complex | -40°C +200°C      | 50                    | ✓               | ✓                     | ✓             | •     | •                    | •           | ✗      |
| BIODEGRADABLE<br>Code: GMBIO              | 00    | Bentone                    | -30°C +120°C      | 820                   | ✓               | ✓                     | ✓             | ✓     | •                    | ✗           | ✓      |

\*1358 Cst @ 40°C - oil blend + polymer.  
78 Cst @ 40°C - oil blend only.

### KEY MEANING

|   |                 |
|---|-----------------|
| ✓ | Recommended     |
| • | Possible        |
| ✗ | Not recommended |

## APPLICATIONS

### OIL

|                                | BASE OIL | TEMPERATURE RANGE | VISCOSITY Cst. @ 40°C | ROLLER BEARINGS | PLAIN BEARINGS/SLIDES | LINEAR GUIDES | AIR LINES | GEARS | SPINDLES/LEAD SCREWS | CHAINS |
|--------------------------------|----------|-------------------|-----------------------|-----------------|-----------------------|---------------|-----------|-------|----------------------|--------|
| CHAIN + SLIDEWAY<br>Code: GMSC | Min Oil  | -30°C +170°C      | 68                    | ✗               | •                     | •             | ✗         | ✗     | ✗                    | ✓      |
| GENERAL PURPOSE<br>Code: GMGP  | Min Oil  | -20°C +185°C      | 100                   | ✗               | •                     | •             | ✗         | ✗     | ✗                    | ✓      |
| AIR LINE<br>Code: GMAL         | Min Oil  | -44°C +23°C       | 13.4                  | ✗               | •                     | •             | ✓         | ✗     | ✗                    | ✓      |
| FOOD GRADE<br>Code: GMFS       | Min Oil  | -10°C +200°C      | 370                   | ✗               | •                     | •             | ✗         | ✗     | ✗                    | ✓      |

# Accessories and Fittings for the GREASOMATIC®96

## ADAPTORS



**GMA 1**  
1/8BSP/F/P : 1/8 BSP/M/P



**GMA 2**  
1/4BSP/F/P : 3/8 BSP/M/T



**GMA 8**  
1/4BSP/F/P : 1/4-28 UNF/M/T



**GMA 9**  
1/4BSP/F/P : M10



**GMA 10**  
1/4BSP/F/P : M6



**GMA 26**  
1/4BSP/F/P : M8

## GENERAL FITTINGS



**GMA 3**  
UNION 1/4BSP/F/P : 1/4BSP/F/P



**GMA 4**  
UNION 1/4BSP/M/P : 1/4BSP/M/P



**GMA 5**  
T - PIECE : 1/4BSP/F/P  
(all three)



**GMA 6**  
BEND 90°  
1/4BSP/F/P : 1/4BSP/M/T



**GMA 7**  
BEND 45°  
1/4BSP/F/P : 1/4BSP/M/T

## BALL VALVES



**GMA 24**  
1/4BSP/M/P : 1/4BSP/F/P



**GMA 25**  
1/4BSP/F/P : 1/4BSP/F/P

## RIGID EXTENSION TUBES



**GMA 11** 50 mm 1/4BSP/M/T:1/4BSP/M/T



**GMA 12** 100 mm 1/4BSP/M/T:1/4BSP/M/T



**GMA 13** 150 mm 1/4BSP/M/T:1/4BSP/M/T

## FLEXIBLE EXTENSION TUBING



**GMA 14**  
NYLON  
EXTENSION TUBING  
Flexible - for use only up to 80°C  
8 mm od / 6 mm id



**GMA 15**  
COPPER  
EXTENSION TUBING  
Pliable - usable at over 80°C  
8 mm od / 6 mm id

## FLEXIBLE TUBING COUPLINGS

for use with either nylon or copper tubing



**GMA 16**  
1/4BSP/M/T : 8 mm od



**GMA 17**  
1/4BSP/F/P : 8 mm od



**GMA 18**  
90° bend  
1/4BSP/F/P : 8 mm od

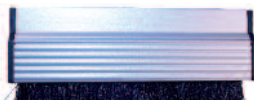


**GMA 19**  
45° bend  
1/4BSP/M/T : 8 mm od

## BRUSH FITMENTS



**GMA 22**  
1/4BSP/F/P bristles 40 mm long  
20 mm Ø - overall length 70 mm



**GMA 23**  
1/4BSP/F/P bristles 20 mm long  
Overall width 32 mm, length 100mm, depth 48 mm

## MOUNTING BRACKETS

**GMA 20**  
Plastic Click-fit  
Bracket



**GMA 27**  
Stainless steel  
Bracket



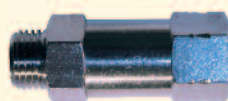
## DISCHARGE RATE THROTTLE & NON RETURN VALVE

### GMA 21

1/4BSP/F/P : 1/4BSP/M/T

Opens one way only at light pressure of circa 0.3 bars or 4 psi.

For use in preventing premature discharge of GREASOMATICs with oil-fillings and also for use with any GREASOMATIC®96 that is to discharge into a pressurised system.



## ABBREVIATIONS

1/4BSP = 1/4 British Standard Pipe  
thread (also = G1/4 thread)

**F** = female thread      **M** = male thread  
**P** = parallel thread      **T** = taper thread

**Wymark Limited** established in 1962, manufacturers of the **GREASOMATIC®96** single point lubricator. Supplied with a wide range of world class greases and oils. Fitting a **GREASOMATIC®96** will reduce downtime and protect bearings & machinery from failures and unplanned maintenance.

### **A SAFE PAIR OF HANDS**

We pride ourselves on industry leading pre-sales advice and customer support. If you are not sure which product to choose, the team at Wymark's office or our field-based staff can help identify appropriate lubricators and lubricants for your installation, including site surveys where required.

Wymark understand that there are some situations where a stand-alone single point lubricator will not be the appropriate solution. We have skilled and experienced engineers available to help you implement bespoke or off-the-shelf lubrication systems.

### **MANUFACTURED WITH PRIDE IN GREAT BRITAIN**

Every single point lubricator that we sell is hand assembled in our factory in Cheltenham, Gloucestershire. In order to maintain the highest standards, the majority of components are sourced from local companies with a long track record of supplying us.

Our **Quality Assurance** processes and procedures ensure **you can trust** every **GREASOMATIC®96** that you order to be **reliable**



MANUFACTURED IN  
**GREAT BRITAIN** 



**Exclusive Distributor:**

