

# GREASEMAX<sup>®</sup>

**Ifield**  
PRODUCTS

continuous automatic lubricator



clean

no downtime

cost effective

maximum protection

**Ifield**  
PRODUCTS

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continuous automatic lubricator

**GreaseMax** is a chemically operated automatic lubricator.

A chemical reaction commences when the activator cap is screwed into GreaseMax. Gas so generated expands a diaphragm, causing pressure on a piston, which results in the discharge of the lubricant. When the cartridge is empty the piston becomes visible in the transparent cone.

**GreaseMax** steel body allows it to be used in hot applications and where pressure is needed, on long feed lines for example.

**GreaseMax** greases bearings and seals and is also excellent for purging and preventing ingress of contaminants.



Colour	Operating Period*
White	1 month
Blue	3 months
Red	6 months
Grey	12 months

\* at 25°C.  
For discharge periods at other ambient environmental temperatures, refer to the table below

GreaseMax Discharge Table

Average temp.	WHITE TYPE 1 1 month		BLUE TYPE 3 3 month		RED TYPE 6 6 month		GREY TYPE 12 12 month	
	Life in months	Grease supply / day grams	Life in months	Grease supply / day grams	Life in months	Grease supply / day grams	Life in months	Grease supply / day grams
55°C	0.3	12.0	1	3.6	2	1.8	4	0.9
45°C	0.5	7.3	1.5	2.3	3	1.2	6	0.6
35°C	0.7	5.2	2.5	1.5	4.5	0.8	9	0.4
25°C	1	3.6	3	1.2	6	0.6	12	0.3
15°C	1.5	2.3	4.5	0.8	9	0.4	18	0.2
5°C	2	1.8	6	0.6	12	0.26	24	0.13
-5°C	4	0.9	12	0.3	24	0.15	48	0.08

Average temperature is the average ambient air temperature

## Lubricants

GreaseMax standard lubricant:

Product Code	Thickening Medium	Base Oil Viscosity at 40°C	Temp Range 0°C	Application
001	Lithium / Calcium	150mm <sup>2</sup> /s	-30° - 120°	Normally stressed roller and plain bearings, normal to high speeds, dusty and moist operating conditions. Contains chemically active EP additives.

A range of lubricants are available. Contact your Distributor for full details. GreaseMax contains 125cc of lubricant.



## GreaseMax

- Provides continuous lubrication at a constant rate, for a set period
- Works without maintenance or adjustment
- Has no electrics or mechanical items for complete reliability
- Can be quickly and simply changed over at the end of its operating period
- Can be used on moving and vibrating applications, long feed lines and underwater
- Is self regulating. The rate of discharge is not affected by bearing condition, seal condition or grease-way resistance

## GreaseMax Advantages

- Better mechanical reliability. Less down-time from bearing failure and therefore lower maintenance costs, better production rates and lower cost of production
- Direct cost savings with lower labour requirements
- Proven in-service performance
- Reliability - based on a proven design and many years of in-service use
- A safe product. GreaseMax has safety certification from the German TÜV organisation
- Safety - there is no temptation to hand grease moving equipment when GreaseMax is installed
- Economical unit cost
- Product support - long experience in this market

## Site Benefits

GreaseMax can generally be set up to allow change-overs without the requirement for plant operations or equipment items to be isolated and shut down. This is expected to provide benefits in 2 areas:

- production improvements and ROI benefits as production equipment remains on-line
- a reduction in personnel time for the required management process to isolate and re-activate process equipment

## Safety – site exposure

Use of automatic lubricators reduces human resource requirements. With fewer people needed there is a lessened site personnel risk exposure

## Installation

GreaseMax is easily installed. Simply activate the GreaseMax unit by screwing in the activator cap and install the GreaseMax unit. Feed lines up to 2M can be used.

See GreaseMax Technical Notes at [www.dis.com.au](http://www.dis.com.au) for full details.