

# THE **GREASOMATIC®** SINGLE POINT AUTOMATIC LUBRICATOR

## STANDARD GREASE FILLINGS

### Grease MP

#### Multi-purpose grease.

A high quality, multi-application, long life grease with excellent adhesive qualities and water resistance. It is capable of absorbing moderate levels of water without softening or changing consistency.

Greasomatic label marking:	Grease MP
Basis:	Mineral oil with Calcium sulphonate / carbonate complex thickener.
Colour:	Tan.
Consistency:	NLGI 2.
Temperature range:	-25° to +165°C / +13° to +325°F.
Drop point:	+304°C / 579°F.
Worked penetration:	276 at 25°C (IP 50).
Water resistance:	Fully resistant at +90°C (DIN 51807).
Timken OK load:	37 kg/60 lbs minimum.
dN factor:	500.000
Compatibility:	Miscible with other lithium, calcium or lithium/calcium base greases.

### Grease FG

#### For use in processing foodstuffs and pharmaceuticals.

A synthetic grease that has been specially formulated to provide outstanding lubrication in the food processing industry. It is recommended as a multi-purpose lubricant across all food processing applications. NSF Registration No. 135799.

Greasomatic label marking:	Grease FG
Basis:	Synthetic oil with calcium sulphonate complex / carbonate thickener.
Colour:	Tan.
Consistency:	NLGI 2.
Temperature range:	-40° to +200°C / -40° to +392°F.
Drop point:	304°C - 579°F.
Worked penetration:	294 at 25°C (IP 50).
Water washout:	Fully resistant at 90°C (ASTM D1264).
Shell 4 ball weld load:	500 kg (IP 239).
dN factor:	500,000.
Dynamic corrosion resistance:	0:0 (EMCOR) (IP 220).
Copper corrosion:	1A.
Compatibility:	Mixing with other greases not recommended.

### Grease HT

#### For very high temperatures.

A specially formulated grease for maximum lubrication at very high temperatures.

Greasomatic label marking:	Grease HT
Basis:	Mineral oil/synthetic oil mixture : inorganic gel.
Colour:	Green-brown.
Consistency:	NLGI 1.
Temperature range:	-10° to +210°C / +14° to +410°F.
Worked penetration:	310 - 340 at 25°C (IP 50).
Base oil viscosity:	1500 - 2000 cSt at +40°C (DIN 41562).
Water resistance:	Fully resistant at +90°C (DIN 51807).
dN factor:	250,000.
Compatibility:	Mixing with other greases not recommended.

### Grease EPM

#### For extreme pressure conditions.

A high quality, multi-application, long life premium performance, all season, extreme pressure grease, containing 3% molybdenum disulphide for protection against vibration and shock loading.

Greasomatic label marking:	Grease EPM
Basis:	Synthetic oil with synthetic lithium complex thickener plus 3% MoS <sub>2</sub> .
Colour:	Grey-black
Consistency:	NLGI 1.
Temperature range:	-40° to +170°C / -40° to +338°F.
Drop point:	+305°C / +581°F .
Worked penetration:	324 at 25°C (IP 50).
Water resistance:	Fully resistant at +90°C (DIN 51807).
Timken OK load:	27 kg / 60 lbs minimum.
dN factor:	500,000
Compatibility:	Miscible with other lithium, calcium or lithium-calcium base greases.

# GREASOMATIC®

## STANDARD GREASE FILLINGS (continued)

### Grease OG **Open gear grease.**

A soft, smooth and extremely adhesive grease for lubrication of open gears. It has excellent water displacing properties and is particularly suitable for gears operating in wet or humid conditions.

Label marking:	Grease OG
Basis:	Solvent refined mineral oil with aluminium soap thickener.
Colour:	Black.
Consistency:	NLGI 0/1.
Working temperature range:	-30° to +70°C / -22° to +158°F.
Worked penetration:	320 - 350 at 25°C (IP 50).
Water spray resistance:	< 0.5% loss (ASTM D404).
Compatibility:	Mixing with other greases not recommended.

### Grease CS **For chaindrives and slideways operating in arduous conditions in which Oil SC would be unsuitable.**

A semi-fluid grease incorporating extreme pressure additives and anti-oxidants to provide effective lubrication with good corrosion resistance. It provides a water repellent protective film.

Label marking:	Grease CS
Basis:	Mineral hydrocarbons : lithium soap : 2% MoS <sub>2</sub> .
Colour:	Dark green.
Consistency:	NLGI 00/000.
Working temperature range:	-10° to +100°C / +14° to +212°F.
Worked penetration:	420-450 at 25°C (IP 50).
Base oil viscosity:	900 cSt at +40°C (DIN 41562).
Compatibility:	Mixing with other greases not recommended.

### Grease WP **Waterproof grease.**

A high performance, strongly adhesive, extremely waterproof grease, containing extreme pressure and anti-wear additives, corrosion inhibitors and anti-oxidants. Specially developed for use in water and sewage treatment plants, marine and off-shore applications and other hostile water environments.

Label marking:	Grease WP
Basis:	Blend of refined mineral hydrocarbons, synthetic polymers & lithium soap.
Colour:	Pale green.
Consistency:	NLGI 2.
Working temperature range:	-20° to +130°C / -4° to +266°F.
Drop point:	+180° C (ISO 2176).
Worked penetration at 25°C:	265-295 (IP 50).
Base oil viscosity:	1000 cSt at +40°C (DIN 41562).
Water resistance:	Fully resistant at +90°C (DIN 51807).
Water washout test:	1% max.
Rust test:	No.1 rating.
Timken OK load:	25 kg / 55 lbs.
Speed rating:	2500 rpm max.
dN factor:	250,000
Compatibility:	Miscible with other lithium base greases.

All the above **standard grease fillings** are produced for Wymark under rigorous quality control by major manufacturers of advanced lubricants. They have been tested in the Wymark Laboratory and found to be free from oil-soap separation (see below) and have therefore been approved for use as GREASOMATIC fillings. The performance figures are provided in good faith for guidance only and are not intended to constitute a guaranteed specification.

### Other grease fillings

GREASOMATICS can be filled with other types of grease. However, many widely used greases are prone to oil-soap separation when subjected to sustained light pressure in single point lubricators such as the GREASOMATIC. This can lead to a serious curtailment of the lubricator's working life. It is therefore essential for other greases or to be tested and approved in the Wymark Laboratory if the discharge rates and working lives quoted in the GREASOMATIC Technical Information Sheet are to be realised in practice.

### Other packings

All the above greases are available packed in suitable cartridges and cans or kegs, for use when blocked bearings are being purged prior to installing a GREASOMATIC