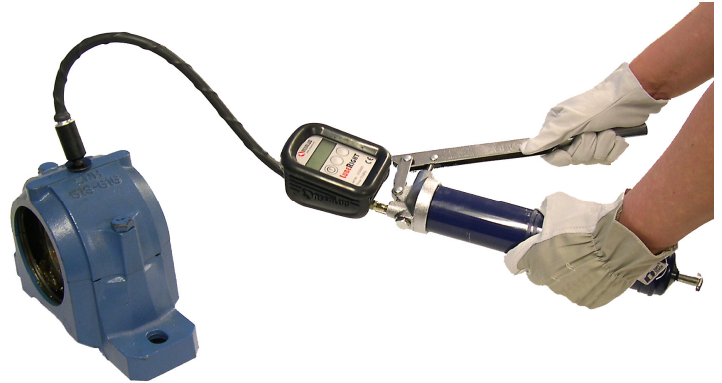


THE ACCOUNTABLE MANUAL LUBRICATION SYSTEM



"LUBERIGHT®" is a computer directed and controlled, fully monitoring and recording every lubrication cycle with the correct amount of lubricant dispensed in accordance with the bearing manufacturers' requirements thus extending the life of all the bearings. Historical data is stored of every lubrication point.

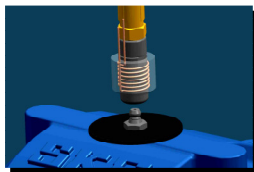


Art. No. 0102397

Each bearing is equipped with an acid proof stainless steel nipple transponder (a chip baked into a washer like envelope) that identifies with the bearing. The chip holds a unique identification number enabling the system to recognise each lubricating point



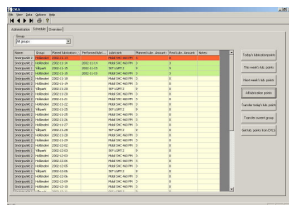
Art. No. 0102400



The amount of grease that is to be discharged into the bearing is stored in the memory of the grease meter which is programmed from the PC with the total number of bearings to be lubricated, with both the volume and frequency of lubricant to be applied to each bearing. The grease meter screen can, with the press of a button, be illuminated so that even in the darkest environment the operation is clearly seen.



Art. No. 0102383
charger and communication unit



Art. No. 0102398
System program

Once the lubrication round is completed, the communication and charger unit is connected to the grease meter and PC to download the information recorded during the lubrication round. Any missed lubrication points will be highlighted, any over-or-under lubricated bearings will be recorded.

Operating Sequence

The "LUBERIGHT®" software is installed in the computer. The administration part of the program contains the data relating to each lubrication point, ie. name, group, lubricant volume to be dispensed, lubrication frequency and job number for that particular round.

Each lubrication point is connected to a specific transponder. The nipple, along with its transponder, is then installed at the bearing

THE SYSTEM IS NOW READY FOR USE



To commence a lubrication round, connect the communication and charging unit to the PC and the grease meter and then download the program for the required lubrication round to the grease meter.

On connecting the grease meter nozzle to the lubrication point the grease meter identifies the point and instructs the operator how much lubricant to discharge into the bearing.



When the lubrication round is completed you connect the grease meter to the PC and transfer the data to the software's administration component. Once downloaded all the items that were due for lubrication will be highlighted in green confirming that the round has been successfully completed. Any items not completed correctly will be clearly identified.



Component Parts



Digital Grease Meter with transmitter for communicating with transponders

Connection	1/8" bsp Female
Max. Pressure	70 MPa/10,150 psi
Flow Range	0-1000cm ² /Minute
Temperature Range	-20 to + 40°C
Part Number	0102400

Digital Grease Meter with transmitter for communicating with transponders with Hook-on-Button Head Connector

Connection	1/8" bsp Female
Max. Pressure	70 MPa/10,150 psi
Flow Range	0-1000cm ² /Minute
Temperature Range	-20 to + 40°C
Part Number	0102400-3



Communication and Charging Unit

Supply Voltage	100-300VAC
	50-60 HZ
Power	Max. 0.25Amps
Output Voltage	5 VDC 20 Amps
Part Number	0102383



Button Head Grease Nipple With Transponder

Diameter	30mm
Material	
Transponder	Glass fibre - laminated epoxy
Temperature range	-40 to +85°C
Material Nipple ISO 1/8	Acid Proof Stainless Steel AIS 1316
Part Number	0102426
Material Nipple ISO 1/8	Zinc Plated Steel
Part Number	0102406



Hydraulic Grease Nipple With Transponder

Diameter	30mm
Material	
Transponder	Glass fibre - laminated epoxy
Temperature range	-40 to +85°C
Material Nipple ISO 1/8	Acid Proof Stainless Steel AIS 1316
Part Number	0102426
NPTF 1/8-27	
Part Number	0102397-2
Material Nipple ISO 1/8	Zinc Plated Steel
Part Number	0102405
NPTF 1/8-27	Zinc Plated
Part Number	0102406

Component Parts

PC PROGRAM LUBERIGHT

Data Base MSDE 2000
System Requirements Microsoft Windows 2000 or XP
 512MB RAM
 Processor 1
Part Number 0102398

GREASE NIPPLES



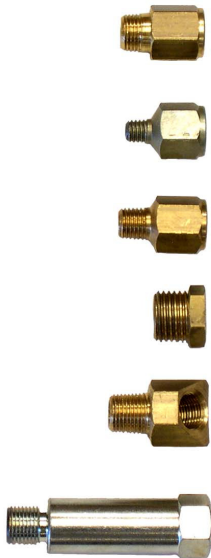
Nipple Material ISO 1/8 bsp Acid Proof Stainless Steel AIS 1316
Part Number 0122376

Nipple Material ISO 1/8 bsp Zinc Plated Steel
Part Number 0122408

Nipple Material NPTF 1/8-27 Acid Proof Stainless Steel AIS 1316
Part Number 0122407

Nipple Material NPTF 1/8-27 Zinc Plated
Part Number 0122410

ADAPTORS FOR THE GREASE NIPPLES ALL FEMALE THREADED ISO-R1/8



Male ISO-R1/8
 Brass **Part Number 120059**
 Acid-Proof Steel **Part Number 121251**
Male M6
 Zinc Plated **Part Number 120056**
 Acid-Proof Steel **Part Number 121252**
Male M8x1
 Brass **Part Number 120058**
 Acid-Proof Steel **Part Number 121253**
Male ISO-R1/4
 Brass **Part Number 904095**
 Acid-Proof Steel **Part Number 3204088**

Male ISO-R1/8 - Female 45°
 Brass **Part Number 906951**
 Acid-Proof Steel **Part Number 121254**

Extension Adaptor ISO-R1/8
 Length 50 mm
 Zinc Plated **Part Number 121233**
 Acid-Proof steel **Part Number 121255**

Component Parts



GREASE ZERK CAP, COLOUR CODED

10 pieces per packet to be put onto the nipple to protect from the environment and if required to colour code with the colour coded gun colour where different lubricants are employed.

Yellow	Part Number 907313
Green	Part Number 907314
Red	Part Number 907315
Blue	Part Number 907316
Purple	Part Number 907317



GREASE GUN COLLAR, COLOUR CODED

To be put around the grease gun body, used in conjunction with the colour coded protection of the grease nipple.

Yellow	Part Number 907329
Green	Part Number 907330
Red	Part Number 907331
Blue	Part Number 907332
Purple	Part Number 907333



TRANSPONDER

Diameter	30 mm
Working Temperature	-40 to +85°C
Material	Glass fibre - laminated epoxy
Part Number	906843



SPIRAL RETAINING RING FOR THE TRANSPONDER

Part Number	907080
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SUPPORT WASHER FOR THE TRANSPONDER

Part Number	0122375
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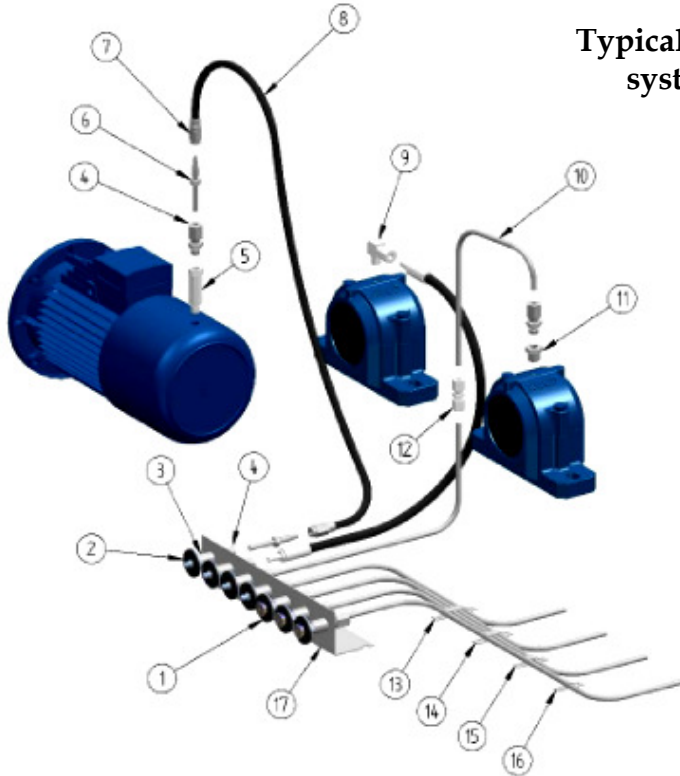
MOUNTING TOOL FOR THE TRANSPONDER

Part Number	0102449
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NUMBER LABELS FOR MARKING THE TRANSPONDER AT SET UP

Part Number	907125
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Typical layout of an extended nipple system using "LUBERIGHT®"

Pos	Description	Acid-Proof Steel	Zinc-Plated Steel
		Part Number	Part Number
1	Button head grease nipple with transponder	0102426	
2	Hydraulic grease nipple with transponder	0102397	
3	Adaptor ISO-G 1/8"	3204231	1117085
4	GE 6 LR 1/8"	3204200	900016
5	Extension adaptor ISO-G 1/8"	121255	121233
6	Tube nipple 6 mm 903023	903027	903025
7	Sleeve for hose 903023	903026	903024
8	High pressure hose 840 bar	903023	903023
9	WE 6 LR 1/8"	3204090	3201139
10	Tube 6 x 1 DIN22391	902579	900169
11	Adaptor 1/4" x 1/8"	3204088	904103
12	G 6 L	3204201	3291235
13	Tube clip 6 x 4	3404049	3402049
14	Tube clip 6 x 3	3404048	3402048
15	Tube clip 6 x 2	3404047	3402047
16	Tube clip 6 x 1	3404046	3402046
17	Mounting plate for nipples, L = 1 m for 28 nipples	901518	-



R J Mellor & Co Ltd

1 Devonshire Grove, Sheffield, South Yorkshire, England, S17 3PG
 Tele: +44 (0) 114 236 8666 Fax: +44(0) 114 236 3020
 E-mail: sales@rjmellor.co.uk Web: www.rjmellor.co.uk