



AUTOMATIC LUBRICATION SYSTEM

LFX – LUBERR BASIC FOLLOWER PUMP

GENERAL OPERATIONAL INFORMATION

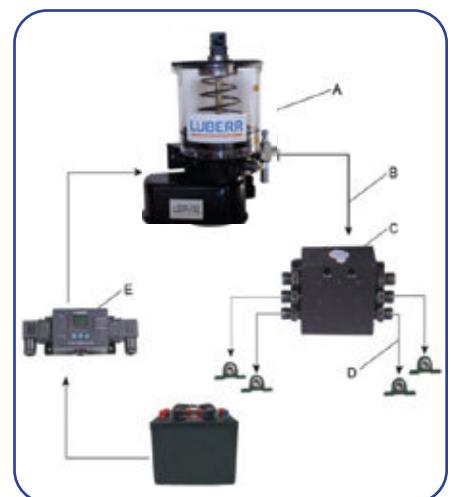
The LUBERR system are designed to provide oil or grease for lube friction points on industrial and mobile equipment.

LUBERR systems considerably reduce the cost of maintaining machinery on which they are installed due to better operating conditions as a result of proper lubrication and eliminate machinery downtime caused by poor lubrication as well as prolonging the life of the machinery in general.

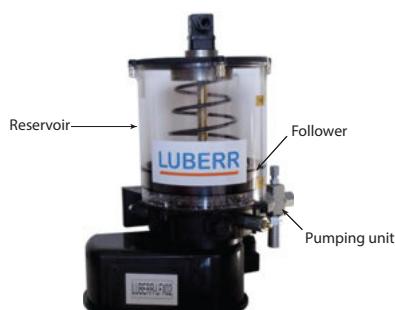
Additionally, a centralized lubrication system manages to reach unaccessible lubrication points to be lubricated at frequent intervals that would otherwise be hard to access under normal conditions. The diagram shows a typical schematic of a simple centralized lubrication system.

The main components are:

- A - Electric LUBERR pump with Reservoir
- B - Primary lubrication line for distributing grease.
- C - Distributor that divides grease into a number of lube points.
- D - Secondary tubing that delivers grease to the lube point.
- E - Lube Timer



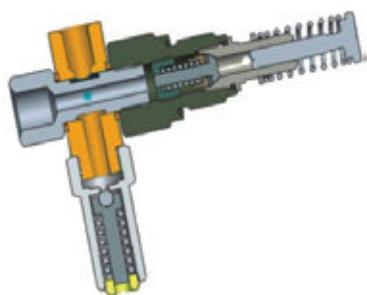
Pump Specification



GENERAL TECHNICAL SPECIFICATION

	DC	
Operating Voltage	12V	24 V
Current (nominal)	1A	0.5A
Current (peak)	2.5A	2A
Number of outlets/pumping elements	Max upto 3nos	
Working pressure	250bar (3600psi)	
Reservoir capacity	2kgs	
Max Greas capability	NLGI 2	
Min. oil viscosity	46cSt	
Operating Temperature	-25°C - +80°C	
Humidity	90%	
Noise	<70db (A)	

Pumping unit Specification



LUBERR PUMPING UNIT

PUMPING UNIT OUTPUT	MODEL NO	output in cc/stroke
	LPU 30	0.20
Outlet thread	1/4" BSP	
Optional outlet thread port	M10 X 1p (F)	
Working pressure	250bar (3600 psi)	
Integrated By-pass Pressure relief valve	Set at - 200bars/20bar	
Max. Grease capability	NLGI 2	
Min. Oil Viscosity	46cSt	

Lube controller specification



CONTROL UNIT

Operating Voltage	12VDC ± 20%
	24VDC ± 20%
Maximum Output load capability	3A
Short circuit & overload protection	4A typical 10Amax
Hardware protection	Overload protection on motor and lamp Spike voltage protection Inverted polarity protection
Memory life	Unlimited (no battery requirement)

RIKKON GROUP OF COMPANIES



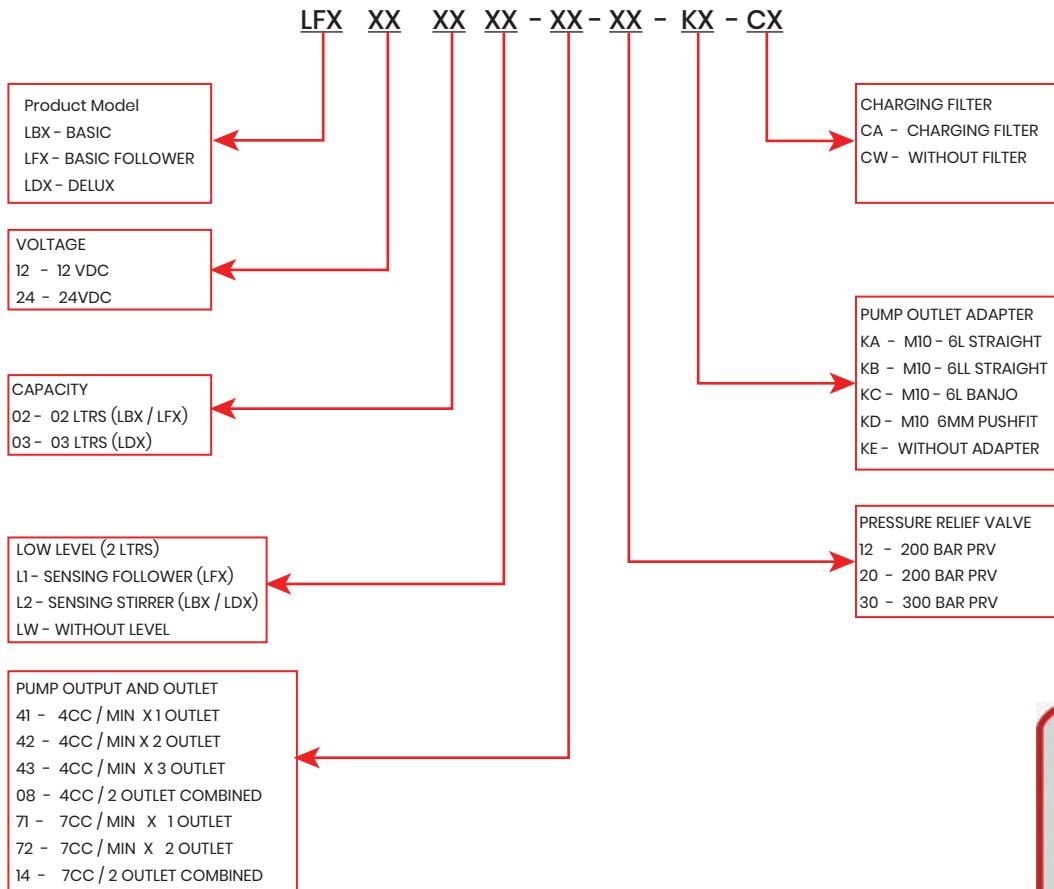
DESIGN OF PROGRESSIVE LUBRICATION SYSTEM

The LUBERR Automatic Lubrication system consists of below major components

Pump: LUBERR

Progressive Distributor : SVM21D

Lube Controller , Tubing's , Fittings & Accessories


EXAMPLE

LFX2402LW-41-20-KB-CA

LUBERR BASIC FOLLOWER GREASE PUMP (LBX) , 24VDC , 2 LTRS, WITHOUT LOW LEVEL , 4CC /MIN - 1 NO PUMP OUTPUT , 200 BAR PRV, M10-6LL STRAIGHT PUMP OUTLET ADAPTER , CHARGING NEV & STRAINER 1/4" BSP - ASSEMBLY WITH GREASE


contact us


📍 No: 203, Nageswara Rao Road, 2nd extn.,
Athipet, Ambattur, Chennai - 600 058
Tamil Nadu, INDIA

✉ info@rikkongroup.com / sales@rikkongroup.com
🌐 www.rikkongroup.com / www.luberr.in



contact person :