

SureFire II Lubricator



FEATURES & BENEFITS

- PDI version handles oil and fluid greases
- SLR version handles oil
- Low level switch for fail safe operation
- Lubrication outlet connections on either side for easy installations
- Plastic and metal reservoirs available
- Convenient terminal block provides fault-free electrical connections
- Large capacity fill cap with built-in strainer minimizes contamination
- Three integral control options available; On-Off Timer, Lite Controller, and Premium Controller
- Also available without integral control, for operation via customer PLC, DCS, etc.



For further information about this product, please contact us at (+1) 800-631-0168 or sales@bijurdelimon.com

GENERAL

The SureFire II Lubricator is an automatic, robust and durable pump. Its compact size is designed to fit your space requirements and lubrication demands. The SureFire II Lubricator is a self-contained electric motor-driven gear pump that can adapt to a broad range of production machinery. The PDI version can handle oil or fluid grease for single injectors or injector groups serving up to 100 lubrication points. The SLR version uses oil to supply resistance fittings or resistance fittings groups serving up to 100 lubrication points. The SureFire pump's versatility also allows it to perform with other lubrication system types and multiple applications.



3 Liter Single Phase w/ Terminal Block

TECHNICAL DATA

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|---|---|
| Output Volume - 115 VAC, 230 VAC (max.) | 250cc/min @ 60 Hz 210cc/min @ 50 Hz |
| Output Volume - 24 VDC (max.) | 250cc/min |
| Output Pressure (max.) | PDI 450 psi (31 bar) SLR 75 psi (5 bar) |
| Pressure Switch Setting ¹ | PDI Closes at 290 psi (20 bar) SLR Closes at 20 psi (1.4 bar) |
| Lubricant Viscosity | Standard Oil version: 20 to 1500 cSt @ operating temperature Light Oil version: 5-40 cSt @ operating temperature |
| Soft Greases ² | NLGI grade 000 - NLGI grade 00 (40,000 cSt max) |
| Reservoir Fill Screen (oil only) | 40 mesh, removable |
| Reservoir Volume | 2 liter 3 liter 6.0 liter 12.0 liter |
| Reservoir Material | Luran (Blue Tint) for 2, 3 and 6 liter Steel for 2, 3, 6 and 12.0 liter |
| Motor Voltage Options | 100/115 VAC 50/60 Hz 200/230 VAC 50/60 Hz (single-phase) 24 VDC |
| Motor Power Requirements ³ | 100/115 VAC 1.0 amps 200/230 VAC (single-phase) 0.70 amps 24 VDC 2.4 amps |
| Operating Temperature Range | 40°F through 105°F (5°C through 40°C) |
| IP Enclosure Rating | IP-54 |
| Electrical Fitting | Liquid tight |
| Output Connection (x2, one each side) | G 1/4 BSPP |
| Return Line Connection | G 1/4 BSPP |
| Single (main) Feed Line | 6mm O.D. minimum recommended |

¹ PDI: External end-of-line pressure switch also available (part #26772-2; 225 psi).

² SLR: External end-of-line pressure switch also available (part #26641-2; 55 psi).

³ PDI version only. Please contact a Bijur representative for applications using soft grease.

³ Motor Overload Protection needs to be provided by the host machine and/or its control system.



2 Liter Single Phase w/ Controller

Refer to the following datasheet:

+ Datasheet #36410:
Surefire II Lubricator