

Application

The SKF SYSTEM MultiPoint Lubricator LAGD 400 is an eight-point lubrication system suitable for all standard SKF greases. The maximum grease pressure from the lubricator is 40 bar (600 psi), which corresponds to a maximum lubrication tube length of at least 5 metres (16 ft). The unit can be used for many applications, including those where single point automatic lubricators are not effective because of long feed lines or where the requirement for high feed pressures are too great. It can also be used to supplement centralised lubrication systems, in the case when the grease in the centralised system is unsuitable for all applications

Typical applications include those found in such industries as cement, farming, forestry, pulp and paper and steel. The unit can also be used on such machines as large electric motors, conveyor systems, pump and motor combinations and fan drives.



DialSet program

Description

The SKF MultiPoint lubricator is an electromechanical device that is an easy to install, "do-it-yourself" centralised lubrication system. The unit is powered by an ac voltage between 100 and 240V 50/60Hz or by 24V DC. With upto eight feedlines, the outlets can deliver between 0,1 - 10 cm³/day (0.003 -0.35 US fl.oz/day) per outlet. All outlets will be set to the same dispense value per day and can not be set independently. A preset volume mode allowing upto 50 cm³ (1.70 US.fl.oz) of grease per outlet to be delivered and a manual pump function are also provided. For ease of use, the display can be easily set to read in metric or imperial units (US fl.oz).

Using Standard SKF grease cartridges, the lubricator is clean and efficient in operation. As standard the unit is supplied with one cartridge of SKF LGMT 2 general purpose grease. Non SKF greases can also be used by utilising an empty SKF cartridge and filling with grease. When using with the SKF Range of grease, a maximum lubrication tube length of at least 5 metres (16 ft) is guaranteed at 20 °C (68 °F). For greases at low temperatures or difficult to pump grease, then the optional 8 mm tubing supplied in the LAGD 400-4 kit is suggested.

Once installed, the unit is easy to operate and has alarm functions for blocked outlets and empty grease cartridges. In addition the lubricator can be machine steered, so that when the machine to which it is fitted is off, then the lubricator is also off and not dispensing grease.



The SKF MultiPoint lubricator is supplied complete with all accessories including, 20 m (65 ft) tubing, full set of connection nipples/couplings, 420 ml cartridge of LGMT 2 and the DialSet re-lubrication calculation program.

Technical data

Designation

Number of lubrication outlets

Suitable grease

Maximum pressure

Maximum distance length to lubrication point

Dispense rate

Power Supply

Power consumption

Power Supply Connector

Alarms

External steering

Ambient temperature

IP Rating

Lubrication tubes

Boundary dimensions

Weight

LAGD 400

1 -8

NLGI 1, 2 and 3

40 bar (600 psi)

5 m (16 ft)

0,1 - 10 cm³/day (0.003 -0.35 US fl.oz/day) per outlet

approx. 0,6 - 65 g/week (0.02 - 2.3 oz/week)

depending on grease density

100-240 V AC 50-60 Hz, or 24 V DC

max. 12W

DIN 43650 -Micro

blocked feed lines, empty cartridge;

internal and external

external relay steering

0 - 50 °C (32 - 120 °F)

54

20 m (65 ft), Nylon, 6 x 1,5 mm

170 x 130 x 530 mm (7 x 5.5 x 21 in)

3,4 kg (8 lb)

Spare parts and accessories

Designation

LAGD 400-1

LAGD 400-2

Description

Power kit

Control Kit

Contents

Back housing complete with power print plate

Front housing complete with control print plate

LAGD 400-3

Cartridge Kit

Cartridge protection cover, , ,
feed spring with follower plate
locking ring

LAGD 400-4

Connection Kit

O-ring and empty cartridge
20 m (65 ft) 6 x 1,5 mm tube
20 m (65 ft) 8 x 1,5 tube
4 quick connection couplings G 1/4 to suit 6 mm tube
4 adapters to connect 8 mm tube to 6 mm tube
16 compression fittings
2 Y-connectors
1 filling nipple

LAGD 400-5

Standard Tube Kit

20m (65ft) 6x 1,5mm tube

