



Measures the flow of lubricant and ambient temperature and transmits it to a control unit.

### APPLICATIONS

- Suitable for continuous monitoring of lubrication in lubricating systems.

### FEATURES

- Available in Aluminum or Stainless Steel
- Connects to a CCMon Control unit or other mill systems with pulse inputs.



### SPECIFICATIONS

LUBEMON	PART # 101919-2	PART # 101918-2
BODY MATERIAL	SS316	Aluminum
Gear material	PEEK	POM
Dimensions (W x H x D)	46 x 40 x 50 mm 1.8" x 1.6" x 2.0"	46 x 40 x 50 mm 1.8" x 1.6" x 2.0"
Range	up to 75 m from control unit	up to 75 m from control unit
Accuracy	Grease NLGI 2: 0.655 cm <sup>3</sup> / pulse ±3% Oil ISO-VG 150: 0.610 cm <sup>3</sup> / pulse ±3 %	
Connection	1/8" NPT female	1/8" NPT female
Flow range	0 - 1,500 cm <sup>3</sup> / min	0 - 1,500 cm <sup>3</sup> / min
Temperature	-20° C to 80° C -4° F to 176° F	-20° C to 80° C -4° F to 176° F
Maximum pressure	10,000 psi / 700 bar	10,000 psi / 700 bar
Media	Grease NLGI 000 to NLGI 2 Oil ISO VG > 42	Grease NLGI 000 to NLGI 2 Oil ISO VG > 42
Protection	IP 67	IP 67
Life	1,000,000,000 pulses (655 m <sup>3</sup> )	
Weight	0.49 kg / 1.08 lb	0.19 kg / 0.42 lb
LUBEMON HV	PART # 102030-2	PART # 102028-2
Flow range	0 - 2,500 cm <sup>3</sup> / min	0 - 2,500 cm <sup>3</sup> / min

## ASSALUB GREASE HANDLING - LUBEMON

DESCRIPTION	PART NUMBER
LubeMon AL (Aluminum)	101918-2
LubeMon SS (Stainless steel)	101919-2
LubeMon HV AL (Aluminum)	102030-2
LubeMon HV SS (Stainless steel)	102028-2
Elbow connector, female, 5M, w/o LED	907134
Elbow connector, female, 5M, c/w LED	907133
Elbow connector, female, 25M, w/o LED	907134-25
Elbow connector, female, 25M, c/w LED	907133-25

### HOW IT WORKS

The measuring unit is an accurate oval gear mechanism with a magnet integrated into one of the gears.

The body of the unit incorporates a reed switch element which senses the magnet as it passes.

Each single revolution of the oval gears has a displacement of 0.655 cm<sup>3</sup>

There are two versions: the standard and a high volume (HV) model.



CABLE



CONNECTOR



ELBOW CONNECTOR



USB-CABLE