

INTERLUBE

Leaders in Lubrication Solutions

AC Range typically used on Mini/Midi Buses, Coaches, Trucks, Buses & Trailers.

AC1 designed for light commercial vehicles, mini/midi buses and fork lift trucks, in 12 or 24 volt with up to 12 lubrication points served.

AC2 designed for trucks, buses and trailers in 12 or 24 volt, serving up to 36 lubrication points.

AC3 designed for trucks, buses and trailers in 12 or 24 volt, serving up to 60 lubrication points.

System capability

- AC Range serves up to 60 lubrication points in 3 pump variations.
- Suitable for 12 or 24 volt applications.
- Suitable for oil and heavy grease up to NLGI grade 2. Capable of handling low temperature NLGI grade 2 grease down to -25°C.

System Features

- Clear reservoir provides lubricant level visibility. Available in 3 litre, 2 litre and compact 1.25 litre (12 outlet only).
- Colour coded pumping units with outputs from 0.010cc to 0.100cc.
- Multi-line concept enables each chassis bearing to be lubricated independently.
- Precise lubrication delivery whenever the vehicle is in motion.

System Benefits

- Virtually maintenance free.
- Can operate up to 2000 hours on one reservoir filling (3 litre), 1500 hours (2 litre) and 750 hours (1.25 litre).
- Damage to one feed line does not render the system inoperable.
- Ease of operation. High build quality and reliability.
- Built in memory ensures accurate lubrication in all situations, including short trip/multi drop operations.

Accessories

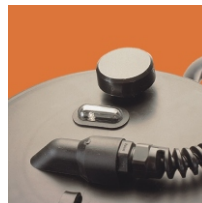
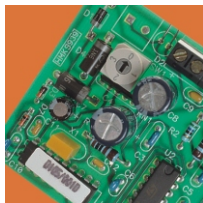
- A complete range of accessories and installation service is available.



AC1



AC3



AC RANGE

Interlube AC Range - cost effective multi-line lubrication - wherever your journey takes you...

AC ELECTRICALLY OPERATED MULTILINE SYSTEM RANGE

The INTERLUBE AC Range is a compact all electrically operated multi-line system in three compact reservoir sizes, to meet the requirements of modern fleet applications:

AC1 (1.25 Litre Reservoir)
Maximum 12 Lubrication Points

AC Pump Assembly (12 volt/12 outlets).....AC 1111
AC Pump Assembly (24 volt/12 outlets)AC 1121
(Pumps with 24 outlets are available to special order)
Motor Type.....Geared
Synchronous Power Consumption.....4 VA
Pump Cycle Time.....12 Minutes
Nominal Reservoir Capacity.....1.25 litres
Nominal Weight (Full).....3.25 kg

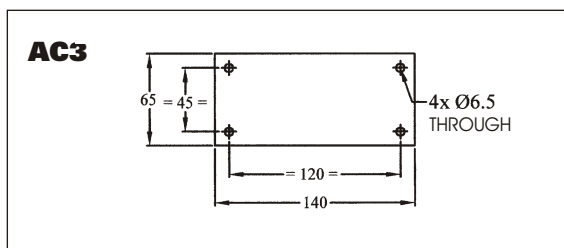
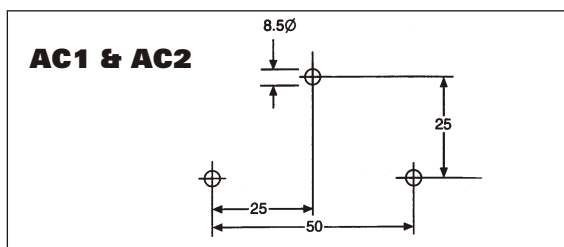
AC2 (2 litre Reservoir)
Maximum 36 Lubrication Points

Ordering Method AC2 X X X

| | | |
|-------------|-------------|---------------|
| 1 2.5 Mins* | 1 12V. D.C. | 1 12 POINTS |
| 2 9 Mins | 2 24V. D.C. | 2 24 POINTS |
| 3 12 Mins | | 3 36 POINTS** |
| 4 15 Mins | | |

Cycle Time = (minutes per rev) *Continuous Trailer Option
**Suitable for oil and fluid grades up to '000' grade only.

AC RANGE - PUMP MOUNTING CENTRES

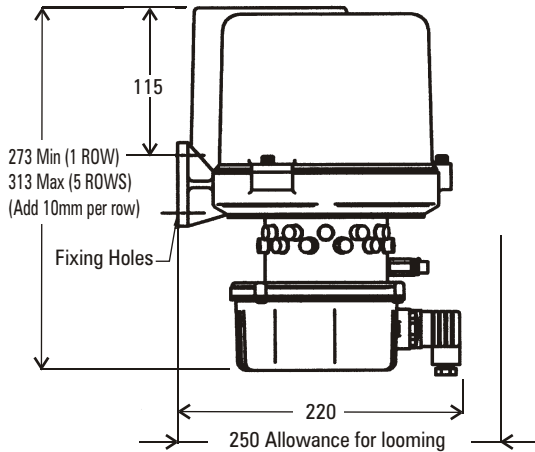


AC RANGE MINIMUM OPERATING TEMP

| PUMP TYPE | RECOMMENDED LUBRICANTS | | | | | |
|---|------------------------|--------------|------------------|-----------|------------|-----------|
| | OILS SAE 80/90 | NLGI GREASES | | | | |
| | | 000 Fluid | 00 Semi Fluid | 0 Soft | 1 Stiff | 2 Hard |
| AC2XX1 12 Points | -40°C | -35°C | -30°C | -25°C | -20°C | -15°C |
| AC2XX2 24 Points | -30°C | -25°C | -20°C | -15°C | -10°C | -5°C |
| AC2XX3 36 Points | -20°C | -15°C | - | - | - | - |
| AC1111 12 Points, 12 Volt | -40°C | -35°C | -30°C | -25°C | -20°C | -15°C |
| AC1121 12 Points, 24 Volt | -40°C | -35°C | -30°C | -25°C | -20°C | -15°C |
| AC3 up to 60 points 12/24 Volt | -25°C | -25°C | -25°C | -25°C | -25°C | -25°C |
| Upper Temp Limit | +40°C for all pumps | | | | | |

AC3 (3 Litre Reservoir)

Maximum 60 Lubrication Points



Ordering Method AC3 X X X

| | | |
|---------------------------|--------|-------------|
| 0 Continuous double speed | 1 12V. | 1 12 POINTS |
| 1 Continuous normal speed | 2 24V. | 2 24 POINTS |
| 2 3 Minute delay | | 3 36 POINTS |
| 3 7 Minute delay | | 4 48 POINTS |
| 4 11 Minute delay | | 5 60 POINTS |
| 5 15 Minute delay | | |
| 6 19 Minute delay | | |
| 7 24 Minute delay | | |
| 8 30 Minute delay | | |
| 9 36 Minute delay | | |

Motor Type: Geared
 Nominal Reservoir Capacity: 3 Litres
 Nominal Weight (Full): Approx. 5kg

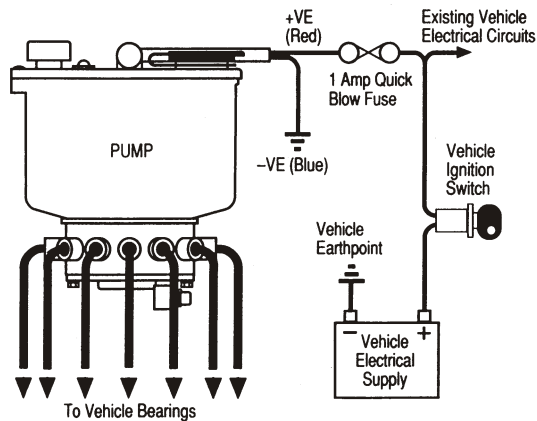
DISTRIBUTION SYSTEM

Each lubrication point is serviced by its own individual feed line, via a dedicated pumping unit. The system is capable of handling SAE 80/90 oil up to NLGI Grade 2 grease (limited on 36 unit pump up to '000' Grade grease) on AC1 and AC2, and up to 60 points on all suitable lubricants with AC3. The feed lines are 4mm O/D semi rigid black nylon tube, UV stabilised, rated 140 bar (14 MN/m²). Individual bearing lubrication on a multiline system ensures that an accidental pipe breakage affects only one lubrication point, not the complete system.

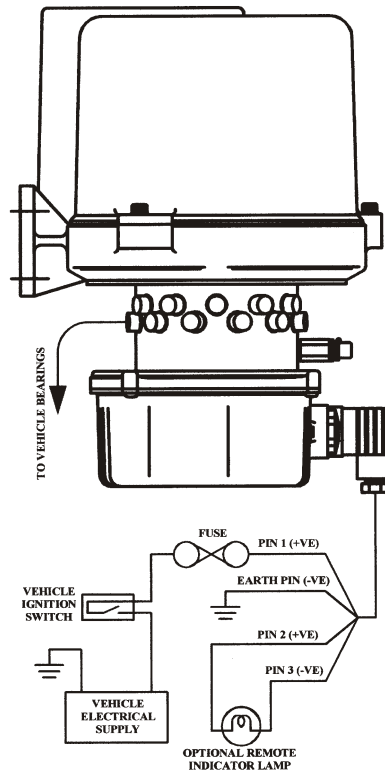
INSTALLATION

Installation is similar for the AC Range of pumps. Direct connections to the vehicle ignition system, provides automatic lubrication whenever the ignition is switched on. A memory built into the pump's printed circuit board removes the possibility of over-lubrication on a short trip/multi-drop operation.

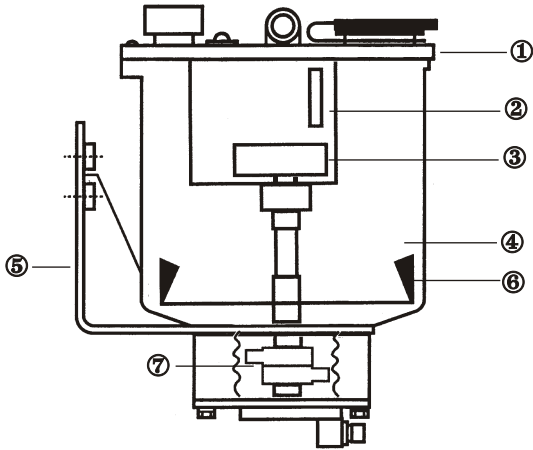
INSTALLATION DIAGRAM AC1 & AC2



INSTALLATION DIAGRAM AC3



AC1 & AC2 SPARES



SPARES REFERENCE

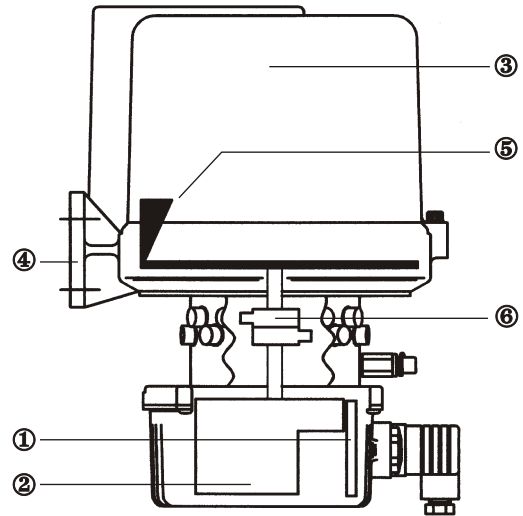
| ITEM No | ITEM | SPARES REF NUMBER | |
|---------|----------------|--------------------------|--------------------------|
| | | AC1 | AC2 |
| 1 | LID ASSY | AC/SP1 | AC/SP1 |
| 2 | PCB ASSY | AC/SP2 | AC/SP2 |
| 3 | ELECTRIC MOTOR | AC/SP8/12v AC/SP8/24v | AC/SP8/12v AC/SP8/24v |
| 4 | RESERVOIR | AC/SP4 | AC/SP9 |
| 5 | BRACKET | 83341-803 | 83341-803 |
| 6 | PADDLE ASSY | AC/SP7 | AC/SP7 |
| 7 | CAMSHAFT ASSY | | |
| | 12 UNIT | AC/SP5/1 | |
| | 24 UNIT | AC/SP5/2 | |
| | 36 UNIT | AC/SP5/3 | |

NOTE: AC pumps built prior to JULY 1999 spares option for electric motor replacement are: AC/SP3/12V AC/SP3/24V

INTERLUBE WARRANTY

The INTERLUBE AC Range carries a 2 year warranty on ALL parts, (subject to normal terms and conditions of sale), in line with completion of our 'System Warranty Registration Card.'

AC3 SPARES



SPARES REFERENCE

| ITEM No | ITEM | SPARES REF NUMBER |
|---------|----------------|----------------------------|
| 1 | PCB ASSY | AC3/SP2 |
| 2 | ELECTRIC MOTOR | AC3/SP8/12V AC3/SP8/24V |
| 3 | RESERVOIR | AC3/SP9 |
| 4 | BRACKET | 38580 - 125 |
| 5 | PADDLE ASSY | AC3/SP7 |
| 6 | CAMSHAFT ASSY | |
| | 12 UNIT | AC3/SP5/1 |
| | 24 UNIT | AC3/SP5/2 |
| | 36 UNIT | AC3/SP5/3 |
| | 48 UNIT | AC3/SP5/4 |
| | 60 UNIT | AC3/SP5/5 |

SYSTEM ACCESSORIES

The AC Range, is complemented by a comprehensive range of system accessories, which enable INTERLUBE SYSTEMS to provide the complete lubrication package from vehicle ignition to bearing point -system filling to lubricant. (See TECHNICAL DATA SHEET (number ISF100) 'System Accessories' for further information).



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HELP DESK · PRODUCT RANGE · LITERATURE REQUEST

For advice on which product is most suitable for your needs - visit our web site from where you can e-mail us your requirements. Our Help Desk will respond within 24hrs by return e-mail or phone.

INTERLUBE
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