



Dispensador automático de lubricantes

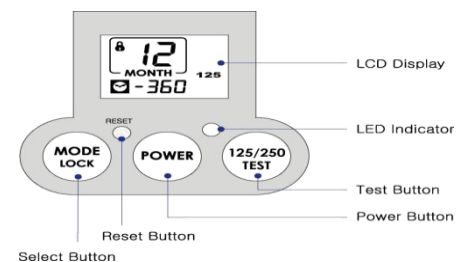
Chesterton LubriCup

Diseño durable

- ▶ Cubierta de policarbonato
- ▶ Eje de acero templado
- ▶ Inyector de bronce macizo
- ▶ Batería encapsulada en plástico ABS
- ▶ Partes críticas selladas (motor, bomba, chip microprocesador)

Facilidad de uso

- ▶ Programación mediante pulsado de botones
- ▶ Funcionan con lubricantes de cualquier marca
- ▶ Toda la información necesaria para el usuario es mostrada en una pantalla LCD.
- ▶ Repuestos y accesorios disponibles
- ▶ Divide diaria y proporcionalmente su capacidad total de grasa o aceite durante todo el período de tiempo que Usted programe.





Modelos y especificaciones

- ▶ **LubriCup EM multipunto** (hasta 8 puntos)
 - ▶ Accionamiento electromecánico / Capacidades → 250 cm³ – 500 cm³
 - ▶ Seteo variable: Medio mes + 1, 2, 3, 6, 12, 18, 24 meses (s/capacidad)
 - ▶ Uso general de diseño robusto, resistente a vibraciones, con bomba de alta presión en su tipo (accionamiento remoto hasta 6 metros por punto)



| | |
|-----------------------------|--|
| Operating Pressure | Avg. 30kgf/cm ² (425psi) Max. 60kgf/cm ² (850psi) |
| Operating Temperature Range | -15°C~60°C (5°F~140°F) -40°C~60°C (-40°F~140°F) with a lithium battery pack |
| Battery | DC 4.5V battery pack (replaceable) |
| Installation Thread Size | 3/8" PT |
| Dispensing Volume | 0.34cc/piston stroke @ 20°C |
| IP Code | IP54 |
| Multi Point Lubrication | Can lubricate up to 8 points, 6m (20ft) per point |
| Product Certifications | CE |

▶ LubriCup EM-X monopunto para áreas clasificadas

- ▶ Certificado por UL (USA), ATEX (Europa) y KTL (Corea) apto para áreas peligrosas
- ▶ UL Clase I, división II, Grupos C y D
- ▶ Capacidad 250 cm³
- ▶ Montaje directo o remoto (hasta 3 metros – línea de 6 mm)



| Certification | UL | ATEX | KTL |
|---------------------------------------|----------------------------------|------------------------------|--------------------|
| Rating | Class I Division 2 Groups – C, D | EEX nL IIB T5 IP54 | EEX nL IIB T5 IP54 |
| Gas groups | D-C1 I Div 1/2 | IIA | IIA |
| | D-C1 I Div 1/2 | IIIB | IIIB |
| Maximum Surface Temp | T6(85°C) | T5(100°C) | T5(100°C) |
| Enclosure protection indices | – | IP54 | IP54 |
| Classification of hazardous locations | C1 I Div2 C1 I Zone2 (gas) | Zone2 (gas) Zone22 (dust) | – |
| Certification File# | E304815 | LCIE 07 ATEX 6100X | 12-KB280-0279X |

| | |
|------------------------------|--|
| Operating Pressure | Max. 15kgf/cm ² (200psi) |
| Operating Temperature Range | -15°C~60°C (5°F~140°F) |
| Battery | DC 4.5V battery pack (replaceable) |
| Installation Thread Size | 3/8" PT |
| Remote Installation Distance | Max. 3m (10ft) with a single 6mm (1/4") line |



▶ LubriCup **EM-S / EM-SP** multipunto sincrónico

- ▶ Admite sincronización con el centro de control del equipo que lubrica. Si la máquina se detiene, LubriCup también se detiene, iniciando su modo stand by para luego reiniciar su programa de dispensación al retornar la marcha.
- ▶ **EM-S:** Alimentación a batería 4.5 VCC
Control por relay 100 a 480 VCA - 0.5 w / 50-60 Hz
- ▶ **EM-SP:** Admite alimentación externa o desde PLC
- ▶ Capacidad 250 cm³
- ▶ Multipunto, 8 líneas hasta 6 metros por punto
- ▶ Presiones: Operación 30 kgf/cm² - Máxima 60 kgf/cm²
- ▶ Temperatura de trabajo (-) 15°C a 60°C



▶ Lubricup **EM500** multipunto para aceites

- ▶ Favorece la extensión del TMEF (Tiempo Medio Entre Fallas) de los equipos
- ▶ Reduce drásticamente el consumo de aceite
- ▶ Fácilmente rellenable con cualquier aceite
- ▶ Capacidad 500 cm³
- ▶ Viscosidad de aceites: Máximo 10.000 cSt - 40°C
- ▶ Elastómeros aptos para aceites sintéticos
- ▶ Seteado: Medio mes + 1, 2, 4, 6, 12, 18 y 24 meses
- ▶ Lubrica hasta 4 puntos simultáneos



| Features | Specifications |
|------------------------------|--|
| Capacity | 500cc |
| Available Dispensing Periods | Half (H), 1, 2, 4, 6, 12, 18 & 24 months |
| Operating Pressure | Avg. 10kgf/cm ² (145psi) depending on oil viscosity |
| Operating Temperature Range | -15°C~60°C (5°F~140°F) -40°C~60°C (-40°F~140°F) with a lithium battery pack |
| Oil Viscosity Range | Max. 10,000 cSt @ 40°C |
| Battery | DC 4.5V battery pack (replaceable) |
| Multi Point Lubrication | Up to 4 points using remote installation kit |



Recomendación de dispensa según diámetro de rodamiento

| Bearing Shaft Diameter | 125cc | Grease Volume | 250cc | Grease Volume | 500cc | Grease Volume |
|--------------------------------|------------|---------------|------------|---------------|------------|---------------|
| 230mm (9,00") ~ 330mm (13,00") | | | | | Half month | 33,34cc/day |
| 166mm (6,50") ~ 229mm (9,00") | | | Half month | 16,67cc/day | 1 month | 16,67cc/day |
| 102mm (4,00") ~ 165mm (6,50") | Half month | 8,33cc/day | 1 month | 8,33cc/day | 2 month | 8,33cc/day |
| 90mm (3,50") ~ 150mm (6,00") | 1 month | 4,17cc/day | 2 month | 4,17cc/day | 4 month | 4,17cc/day |
| 77mm (3,00") ~ 89mm (3,50") | 2 month | 2,78cc/day | 3 month | 2,78cc/day | 6 month | 2,78cc/day |
| 65mm (2,50") ~ 89mm (3,50") | 3 month | 1,39cc/day | 6 month | 1,39cc/day | 12 month | 1,39cc/day |
| 50mm (2,00") ~ 65mm (2,50") | 6 month | 0,70cc/day | 12 month | 0,70cc/day | 24 month | 0,70cc/day |
| 25mm (1,00") ~ 50mm (2,00") | 12 month | 0,35cc/day | | | | |

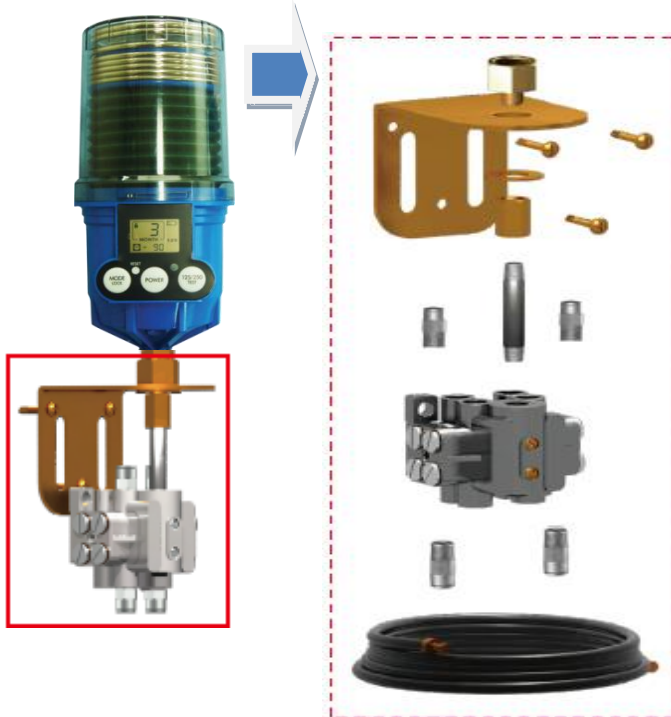
Tabla de compatibilidad entre espesantes de grasas

| | Aluminum Complex | Barium Complex | Calcium Stearate | Calcium 12 Hydroxy | Calcium Complex | Calcium Sulfonate | Clay Non-soap | Lithium Stearate | Lithium 12 Hydroxy | Lithium Complex | Polyurea Conventional | Polyurea Shear Stable |
|-----------------------|------------------|----------------|------------------|--------------------|-----------------|-------------------|---------------|------------------|--------------------|-----------------|-----------------------|-----------------------|
| Aluminum Complex | | I | I | C | I | B | I | I | I | C | I | C |
| Barium Complex | I | | I | C | I | C | I | I | I | I | I | B |
| Calcium Stearate | I | I | | C | I | C | C | C | B | C | I | C |
| Calcium 12 Hydroxy | C | C | C | | B | B | C | C | C | C | I | C |
| Calcium Complex | I | I | I | B | | I | I | I | I | C | C | C |
| Calcium Sulfonate | B | C | C | B | I | | I | B | B | C | I | C |
| Clay Non-soap | I | I | C | C | I | I | | I | I | I | I | B |
| Lithium Stearate | I | I | C | C | I | B | I | | C | C | I | C |
| Lithium 12 Hydroxy | I | I | B | C | I | B | I | C | | C | I | C |
| Lithium Complex | C | I | C | C | C | C | I | C | C | | I | C |
| Polyurea Conventional | I | I | I | I | C | I | I | I | I | I | | C |
| Polyurea Shear Stable | C | B | C | C | C | C | B | C | C | C | C | |

B=Requiere prueba / C=Compatible / I=Incompatible



Instalación multipunto / Accesorios disponibles



| Remote Mounting Kit | | | | |
|--------------------------------------|--|---|-----------------------------|-------------------------------|
| Mounting Bracket Assembly | | L-shape Mounting Bracket Steel Washer Self Drilling Screw | | |
| Straight Reducer | | 3/8" F | 1/4" M | BSPT |
| Straight Socket | | 1/4" F | 1/4" F | |
| Extension Pipe | | 1/8" M | 1/8" M | 50mm BSPT |
| | | 1/8" M | 1/8" M | 100mm BSPT |
| Push-in Tube Fitting | | Fits 6mm O.D. Tube | 1/8" M | BSPT |
| Progressive Divider Block for Grease | | U-4R | 2, 3, 4 Ports | |
| | | U-6R | 5, 6 Ports | |
| | | U-8R | 7, 8 Ports | |
| Cross-porting Device | | Horizontal Type | Combines two ports into one | |
| Distribution Tubing 6mm O.D. Tube | | Empty | | Available in 10ft. increments |
| | | Pre-filled | | |