

# Single Series

Single Point Lubricators



PROVEN QUALITY. LEADING TECHNOLOGY.

# Automatic Lubrication Made Simple

## Easy to use with minimal up-front investment

Graco's Electrochemical (gas) and Electromechanical (motor-driven) Single Series lubricators deliver small, predetermined amounts of lubricant at frequent intervals for an uninterrupted supply of fresh grease directly to your bearing or lubrication point. This prevents over and under lubrication problems associated with manual lubrication (grease gun) methods.



## Advantages with Graco Single Series

- Extend Equipment Life
- Reduce Operating Costs
- Increase Productivity
- Less Waste
- Safer Work Environment



## EC—Electrochemical Single Series



### EC-120™

A durable and reliable general purpose lubricator that installs easily, in almost any position. Suitable for use in potentially explosive atmospheres.

#### Tech Specs

Housing Design.....Metal  
 Drive Type ..... Electrochemical (gas)  
 Discharge Time..... 1, 3, 6, or 12 months  
 Lubricant Volume ..... 120 cc  
 Operating Temp ..... 0 to 40 °C / 32 to 104 °F  
 Max Pressure ..... 4 bar / 58 psi



### EP-120™

Transparent plastic gives you at-a-glance indication of the lubricant level. Ideal for hygienically clean and food safe locations. Also great for high corrosion locations. Suitable for use in potentially explosive atmospheres.

#### Tech Specs

Housing Design.....Transparent Plastic  
 Drive Type ..... Electrochemical (gas)  
 Discharge Time..... 1, 3, 6, or 12 months  
 Lubricant Volume ..... 120 cc  
 Operating Temp ..... 0 to 40 °C / 32 to 104 °F  
 Max Pressure ..... 4 bar / 58 psi



### TC-130™

An electrochemical lubricator that features electronic temperature compensation. The discharge period is easy to program on the reusable control unit, and can be turned on/off at any time to stop the lube output. Ideal for applications with considerable temperature variations. Suitable for use in potentially explosive atmospheres.

#### Tech Specs

Housing Design.....Transparent Plastic  
 Drive Type ..... Electrochemical (gas)  
 Discharge Time..... 1-12 months  
 Lubricant Volume ..... 130 cc  
 Operating Temp ..... -20 to 60 °C / -4 to 140 °F  
 Max Pressure ..... 6 bar / 87 psi

## EM—Electromechanical Single Series



### EM-Drive™

Battery-powered, motor-drive delivers precise lubrication, regardless of temperature and vibration. Easy-to-read LED feedback indicators ensure trouble-free operation. Suitable for Class I, Div 2 groups A,B,C,D, Class II, Div 2 groups F,G, and Class III hazardous locations. UL Listed.

#### Tech Specs

Housing Design.....Plastic w/transparent reservoir  
 Drive Type ..... Electromechanical (motor-driven)  
 Discharge Time..... 1, 3, 6, or 12 months  
 Lubricant Volume ..... 60, 120, or 250 cc  
 Operating Temp ..... -10 to 50 °C / 14 to 122 °F  
 Max Pressure ..... 5 bar / 75 psi



### EM-XP™

Delivers precise lubrication, regardless of temperature and vibration. External power turns on and off with the cycle of the machine it's lubricating—ideally suited for inconsistently used equipment.

#### Tech Specs

Housing Design.....Plastic w/transparent reservoir  
 Drive Type ..... Electromechanical (motor-driven)  
 Discharge Time..... 1, 3, 6 or 12 months  
 Lubricant Volume ..... 60, 120, or 250 cc  
 Operating Temp ..... -10 to 50 °C / 14 to 122 °F  
 Max Pressure ..... 5 bar / 75 psi



### EM-XC™

Delivers precise lubrication, regardless of temperature and vibration. Precisely match lubrication output with your machine's operating conditions—works with your PLC to lubricate only when you need it.

#### Tech Specs

Housing Design.....Plastic w/transparent reservoir  
 Drive Type ..... Electromechanical (motor-driven)  
 Discharge amount..... 0.26 to 2.11 cc per activation  
 Lubricant Volume ..... 60, 120, or 250 cc  
 Operating Temp ..... -10 to 50 °C / 14 to 122 °F  
 Max Pressure ..... 5 bar / 75 psi



Agricultural  
 Bottling Operations  
 Beverage Production  
 Cement Production  
 Construction Vehicles  
 Food Processing  
 Forestry & Lumber  
 Gas Compression  
 Injection Molding  
 Machine Tools  
 Material Handling  
 Military Vehicles  
 Mining Equipment  
 Off-Road Vehicles  
 On-Road Vehicles  
 Packaging  
 Power Generation  
 Primary Metals Manufacturing  
 Printing Press  
 Pulp & Paper  
 Stamping Presses  
 And more...



## Grease Types Available

Lubricant	Application and Environment
Multi-use lithium EP-2™ grease	<ul style="list-style-type: none"> <li>• Agriculture, bushings/ball joints, truck and auto wheel bearings, heavy duty industrial</li> <li>• High wear, moderate loads, moderate speeds, moderate temperatures</li> </ul>
Construction and off-highway grease	<ul style="list-style-type: none"> <li>• Agriculture/mining, cement plants, construction/off road, rock quarry, earth moving equipment, fleet equipment, heavy industry, pivot pins/spline shafts</li> <li>• Extreme heat, heavy loads, high sliding wear, slow speeds, dirty environments, shock loading</li> </ul>
Ball bearing and pillow-block grease	<ul style="list-style-type: none"> <li>• Lightly loaded pillow blocks, idler pulleys, oven conveyors, electric motors, fans, pumps</li> <li>• Wet and corrosive conditions, quiet environments, light loads, moderate to high speeds, moderate temperatures</li> </ul>
Mill grease	<ul style="list-style-type: none"> <li>• Aluminum mills, paper mills, steel mills, offshore rigs, power generation</li> <li>• Corrosive media, extreme heat, heavy loads, wet conditions, slow to moderate speeds</li> </ul>
Food grade H1™ grease	<ul style="list-style-type: none"> <li>• Food and beverage industries, pharmaceuticals</li> <li>• Incidental food contact, hot and cold temperatures, moderate to high speeds, medium loads</li> </ul>
Synthetic industrial grease	<ul style="list-style-type: none"> <li>• Wind energy main bearing, pulp and paper machines, general heavy industry, marine applications, centralized grease systems</li> <li>• Extreme low and high temperatures, severe loads, corrosive media, slow to moderate speeds</li> </ul>
Ultra-high speed spindle grease	<ul style="list-style-type: none"> <li>• Machine tools associated with: grinding, drilling, turning, milling, lathes</li> <li>• Ultra-high speeds, extreme low temperatures</li> </ul>
Multi-use lithium EP-1™ grease	<ul style="list-style-type: none"> <li>• General industrial applications, pins and bushings, track rollers, water pumps, plain and anti-friction bearings</li> <li>• Moderate speeds, light to moderate loads, moderate temperatures, moderate water</li> </ul>

Go to [www.graco.com](http://www.graco.com) for MSDS and more information on greases.

Contact us today!

Call **800-533-9655** to speak with a Graco representative, or visit [www.graco.com](http://www.graco.com) for more information.

