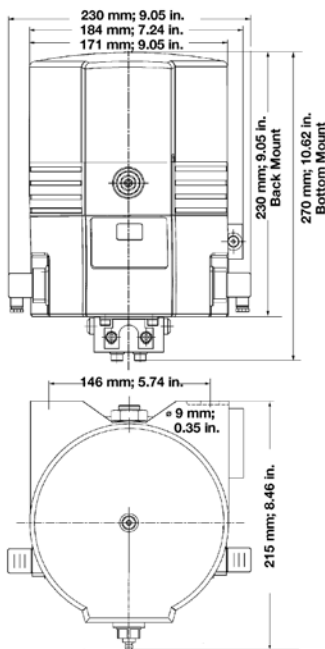




QLS 421

Accurate lubrication without the need for continuous power—that’s what over-the-road trailers need. That’s exactly what Lincoln’s QLS 421 supplies. With a unique controller card that keeps track of the time a trailer is in use by monitoring its vibration, the QLS 421 delivers the precise lubrication an OTR trailer requires exactly when it’s needed—by using the power of the trailer’s brake lights.

Because it doesn’t need power to monitor the time between lubrication events, the QLS 421 is ready when its controller card says “go.” And the QLS 421 keeps lubricating each time the trailer’s brakes are applied until its controller card adds up the “on times” and determines that the pre-set time for a complete lubrication cycle has been reached. The QLS 421 features an enhanced stirring paddle to help prevent grease separation in applications with long refill intervals.



Operating Voltage:	12 and 24 VDC
Operating Current:	12 VDC / 2.0 A 24 VDC / 1.0 A
Operating Temperature:	-10° to 158°F / -25° to 70°C
Number of Outlets:	6, 12 or 18
Reservoir Capacity:	61 in ³ / 1.0 L
Protection:	NEMA 4
Time Between Cycles:	1 hour to 16 hours
On Time Range:	1 to 32 min.
Timer Memory:	Indefinite
Maximum Operating Pressure:	3000 psig / 205 bar
Output per Outlet per Valve Cycle:	approx. 0.012 in ³ / approx. 0.2 cm ³
Lubricant:	up to NLGI 2 grease
Weight	12.5 lbs. / 5.7 kg

Model Specifications

Model No.	Voltage	Valve Type	Reservoir Size (L)	Valve Mount	Cable
P421 91402531	24 VDC	SSV18	1 liter	Back	19 feet 6 meters
P421 61202531	12 VDC	SSV12			
P421 91202531		SSV18			
P421 61222531		SSV12	2 liter		