



OP-4A AUTOMATIC CHAIN PIN OILER

Clean, Effective Lubrication of Most Overhead Monorail and Power and Free Rivetless Power Chains

OP-4A is the most accurate conveyor chain pin lubricator on the market today.



The OP-4A system lubricates chain pins while conveyor is running under normal conditions.

Automatically deposits a clean, metered shot of oil directly and precisely to chain pins at desired intervals. No waste or mess from over oiling.

Proper lubrication reduces friction and wear extends conveyor life.

Fast payback based on reduced maintenance and extended productive conveyor life.

Eliminates surging caused by non-lubricated and worn chains, so product can be spaced closer, increasing productivity.

Helps reduce drive power requirements.

OP-4 SPECIFICATIONS

Lubricant	32 – 220 cST@40°C (not to exceed 250 cST @ operating temperature), lubricants with solid additives must be colloidal < 5 microns viscosity improvers and stickslip additives degrade “shot” performance and must be approved by OPCO® prior to use.
Shot Volume	0.0045 in3 (0.074 cm³) per output line
Lubricant Lines	1/8 in O.D. Nylon
Air Requirements	80 psi (min), 1/4 in NPT inlet pipe size
Reservoir Capacity	1.7 gallons (6.4 liters)
Ambient Temp.	40°F to 120°F (5°C to 45°C)
Input Power	115 VAC, 50/60Hz standard, 1.5 amp; 220 VAC, 50/60Hz optional: 0.8 amp
Material Compatibility	Nonmetallic parts exposed to the lubricant: Buna-N, Nylon, Delrin, Neoprene, Butyrate, & Viton; Nonmetallic parts exposed to ambient: Poly carbonate, Neoprene, Nylon, & Thermoplastic
Outline Dimensions	See Chart Below

ACCURATE, RELIABLE OPERATION

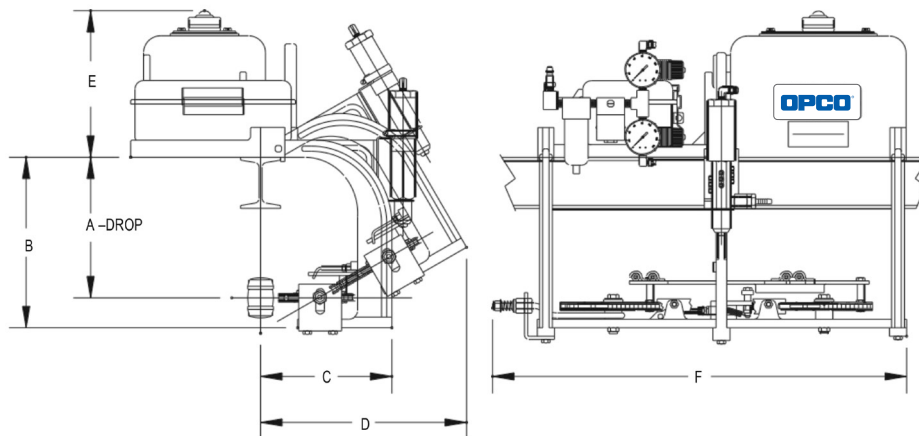
The OP-4A is pneumatically powered and electrically timed. A caterpillar chain assembly engages the conveyor chain, engaging the oil dispensing nozzle plate, moving it over the chain pin links. An air operated pump meters a precise amount of oil through each nozzle, lubricating chain pins and links simultaneously. The 1000- hour repeat cycle timer features cycle progress display and memory.

OPTIONAL COMPONENTS

Lubricant reservoir auto-fill device

12 hour manual on/automatic off timer.

Manual on/off (no electric required).



CHAIN PITCH in (mm)	A in (mm)	B in (mm)	C in (mm)	D in (mm)	Reservoir Size	E in (mm)	CHAIN PITCH in	F in (mm)
3 (76)	5.5 (140)	7.75 (197)	8.62 (219)	9.06 (230)	1.7 gal	9 (229)	2 & 4	25 (635)
4 (102)	7.18 (182)	9.31 (236)	8.58 (218)	11.1 (282)	5 gal	13 (330)	3 & 6	28 (711)
4 (102)	8 (203)	10.19 (256)	8.58 (218)	11.6 (265)	—	—	—	—
6 (152)	7.44 (189)	10.19 (256)	8.91 (226)	12.8 (325)	—	—	—	—
6 (152)	10 (254)	12.12 (308)	8.91 (226)	13.25 (337)	—	—	—	—

OPCO® LUBRICATION SYSTEMS INC.

9569 W. 40TH ST, FREMONT, MI 49412 | 231-924-6160 | info@opcolube.com | opcolube.com