

# CAT-KB1145-2005

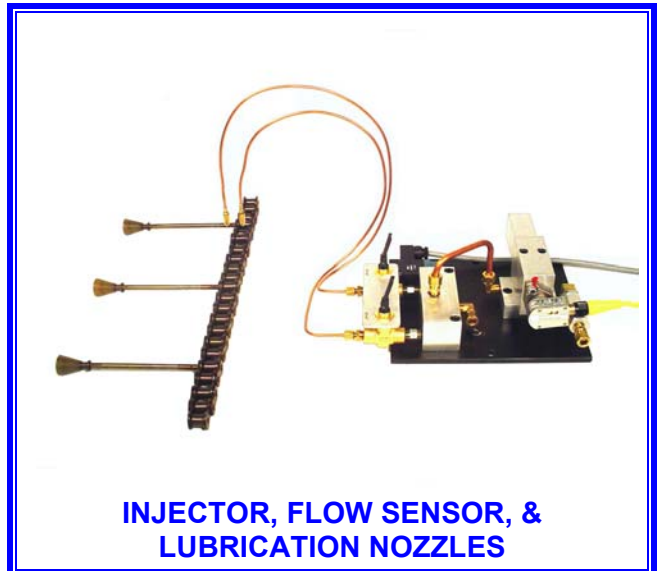
120 v.a.c. 60 Hz. PIN CHAIN LUBRICATOR

**RELIABLE                      EFFECTIVE                      CLEAN**  
**FOR PIN CHAINS USED IN CAN DECORATING**

- Lubricates the chain through two micro-diameter (.009 inch) ruby orifices.
- Reduces downtime and manual labor and saves time, work, and money
- Uses almost any lubricant
- Controlled lubricant output reduces flinging at sprockets
- Reduces drive power requirements and energy consumption
- Extends the life the pin chain and sprockets



**RESERVOIR & CONTROLLER**



**INJECTOR, FLOW SENSOR, & LUBRICATION NOZZLES**



**CONTROL PANEL (front view)**



**LUBRICATION NOZZLES**

**G. P. Reeves Inc.    12764 Greenly Street    Holland, MI 49424**

Phone: 888.399.8893

Fax: 616.399.8867

Web Site: <http://gpreeves.com>

**CLEAN AND ECONOMICAL**

A programmable count controller (PCC) with a four-line interface panel controls the frequency and duration of the lubricant applications. An inductive proximity sensor located adjacent to the chain or a chain sprocket inputs to the PCC. Lubricant will not be dispensed when chain is not moving. The controller has count and progress memory even during electrical power interruptions.

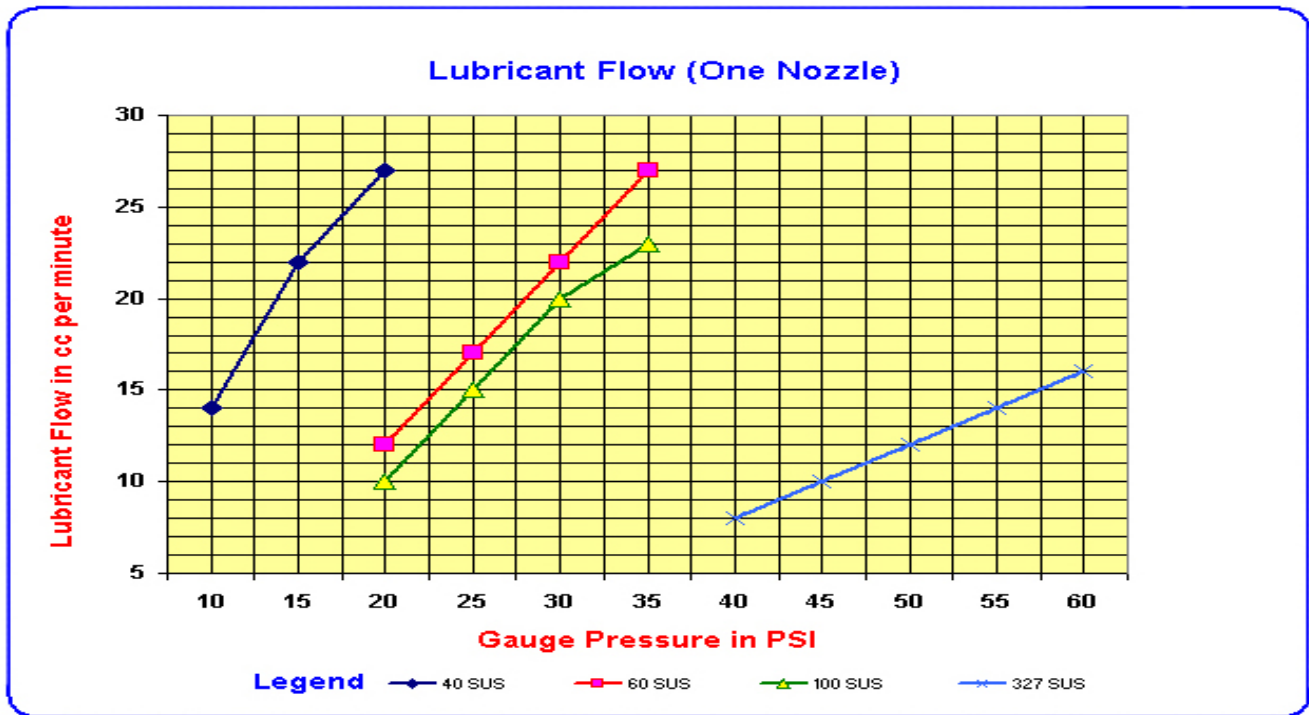
**CONTROLLED LUBRICANT FLOW**

Two 24 inch long micro-diameter ruby orifice nozzles (one for each side of the chain) dispense minute controlled amounts of lubricant onto the pin chain. Each nozzle has a .009 inch diameter jewel (ruby) orifice. The lubricant pressure and volume are controlled by a sensitive pressure regulator with gauge and a precision flow sensor monitors the lubricant flow to both nozzles. Lubricant flow is based on lubricant viscosity and pressure. The chart below shows demonstrated lubricant flow of a single nozzle.

**STANDARD FEATURES**

- 5 gallon lubricant reservoir
- Low level float switch and pilot light
- Programmable count controller (PCC)
- Precision flow sensor
- Nozzle flow test valves

GENERAL SPECIFICATIONS	
Lubricant	Oil: viscosities between 20 and 400 SUS @100° F. Lubricant should not require agitation.
Maximum chain speed	None
Reservoir size	5 gallon (19 liter)
Lubricant nozzle	.009 inch diameter jewel (ruby)
Input power	120 v.a.c. 60 Hz
Ambient Temperature	50 to 120° F.
Dimensions of pump/reservoir/controller.	33" wide, 15" deep, and 18" high.
Shipping weight	135 lb.
Proximity sensor	Non-contact inductive with Micro connector
Collecting Pan under nozzles	By User



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