



# GENESIS QUARTERLY

SPRING 2024 | ISSUE 2

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# SERVICES

By Dave Sharman

## Training

As the general foundation towards improvement in productivity, quality, and safety, training is essential for fine-tuning the production process. Developing core competencies will enhance your team's productivity and efficiency. It also equips individuals with the problem-solving skills required to sustain production and improve quality. We offer training featuring in-house, on-site, or virtual formats. See below for a list of suggested topics.

- Fundamentals of High Speed Rail Cappers
- Mechanical Adjustments of High Speed Rail Cappers
- Understanding & Navigating the HMI
- Maintaining & Adjusting Capper Vision Systems

In addition, we offer other training regimes related to package development and laboratory capper operations. Please contact us to customize a training program to best serve your needs.





**KEEP YOUR LINE PRODUCING**

# MAINTENANCE

By Dave Sharman

Ensuring sustained operation is the cornerstone of this discipline. A unique set of competencies are required to harmonize with production goals. Proactive and effective maintenance is essential for ensuring safety, reliability, efficiency, and asset longevity. There are numerous critical topics within this realm to address. This edition will address recommended lubrication.

## Lubrication

There are many acceptable lubricants for pharmaceutical machinery. In general, they must be application specific, ensure regulatory compliance, and be compatible with the surrounding equipment and/or materials. Genesis recommends, at a minimum, lubricants that are NSF H-1 registered & ISO 21469 certified.

For Genesis Westcappers® (NPW & RW models) there are four different lubrication scenarios to consider. Each scenario, along with our recommended lubricant, is listed below. Keep in mind, substitutes with equivalent specifications may be suitable.

- Auto Oiler and Oil Cup – Nevastane AW32 (TotalEnergies)
- Enclosed Gear Systems – Nevastane SL460 (TotalEnergies)
- Open-air Bearings – Super FLM-1 (Lubriplate)
- Open-air Gears – Pure Tac (Lubriplate)

Genesis also offers oil-free upgrades to minimize the use of lubricants and improve the operational efficiency of your machine. The Spindle Head Assembly, Conveyor Pod Housing Assembly and Bottle Rest Assembly may all be upgraded.

Note that our training and field services are also available through Annual Contracts, offering the benefit of additional savings, virtual support and preferred scheduling.

For training, maintenance and operational support, oil-free upgrades or scheduling service for your upcoming shutdown, please direct inquiries to the following:

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## **Genesis Packaging Technologies is a Worldwide Leader in the Science and Technology of Parenteral Vial Sealing and Residual Seal Force Testing**

We provide advanced vial sealing equipment for the packaging of critical injectable pharmaceutical products. Genesis designs, develops and builds vial cappers with innovative technologies that meet the technical challenges of parenteral pharmaceutical packaging, assuring seal integrity and in compliance with advancing regulatory requirements for aseptic processing and container closure integrity. Offering our customers the tools and knowledge to consistently achieve container closure integrity remains our priority.

Purchasing equipment from Genesis offers customers support from a company with over 75 years of experience dealing specifically with vial handling equipment and technologies. Service is available on all equipment manufactured by Genesis and the former Machinery Systems Division of The West Company.