

## Topic: Multi-Purpose Grease for Pumping System in Hot Forging Hammer Machine

980ils Products	Randulux EP0
Applications	Grease for bearing & Gear in forging machine
Customer /Location	UNI Rayong, Thailand
Previous Lube	N/A
Process/Machines	Pumping grease Bearing & Gear in Hot Forging Hammer Machine
Customer Requirements	Can use in high temp., High load and good pumpability

### Issue/Problems:

The customer requires a lithium grease that can be used in high-temperature, Good Lubricity and heavy-load conditions for a hot forging hammer machine with a pumping system.

### Solution:

We recommend Randulux EP0. This product is a lithium-based grease with a dropping point around 200°C and contains EP additives, making it suitable for heavy-load applications. With NLGI Grade #0, it performs well in pumping systems.

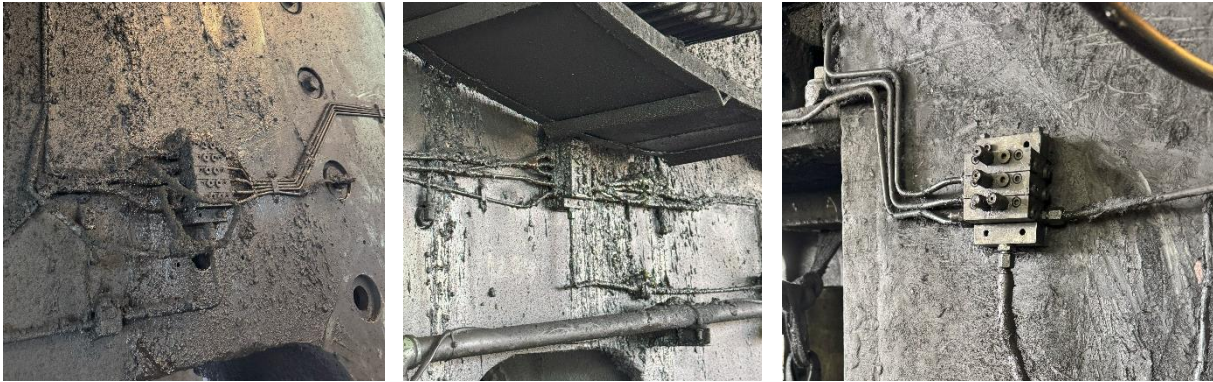


**2500t Hot Forging Hammer Machine**



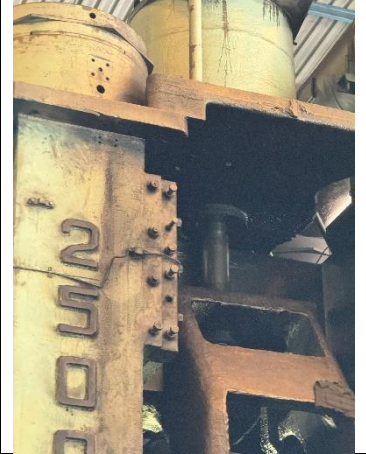


**Pumping System & Tank**

**Process :**



**Grease Pumping System**

Fly Wheel/Clutch	Pulley	Ram/Piston
		
<p><b>Temperature (°C)</b></p>	<p><b>180-200</b></p>	

**Summary :**

- The grease does not degrade or turn into sludge when exposed to high temperatures or normally condition to use.
- It can withstand high loads on pistons, clutches, or pulleys effectively.
- The machine components do not experience wear from using this grease.