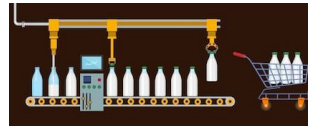


CLEVIS FOR PRODUCTION LINE OF DAIRY BRAND

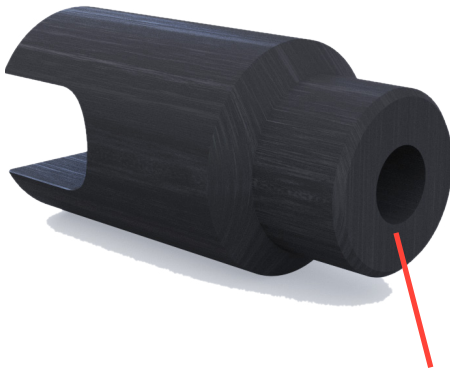
- ✓ Production downtime reduced from 3 months to 6 hours
- ✓ Printed part is resistant to peroxide — lifespan increased

Goals:

- reduce production downtime
- increase piston lifespan for less often replacement
- get a part resistant to peroxide



Required time for replacement —
during this time production
FULLY STOPS



3 MONTHS
Milled polyamide



6 HOURS
PETG (plastic resistant
to peroxide)
+ **CCF** (Composite Carbon Fiber)

RESISTANT TO PEROXIDE

➤ Clevis moves through the production line, catches a yoghurt bottle and sends it to the washing area. The part is washed with peroxide. The original part is made from milled polyamide, replacement the destroyed one takes 3 months. During this time, the production line fully stops: the company doesn't get enough sales volume and suffers losses.

The part printed on Anisoprint Composer

reduced production downtime from 3 months to 6 hours.

It was made from resistant to peroxide plastic, PETG, and reinforced by Composite Carbon Fiber through Anisoprinting technology.

The technology allows using any plastic as a matrix so it's possible to get composite parts with the required chemical properties.