

Pump “abuseability” ..by design

(from 30 years experience in the service dept...) **Example:**

1.) pump Oil was run 1/2" low on a General TS2021 cuz the site-glass was bashed-in-to. Running at 3500psi, it overheated the aluminum alloy rods and puked a rod.

2.) an AR pump was run 1" low on oil because a piston seal started leaking. that went un-noticed for 20 hours since the “scheduled” oil check. (by the hour meter). We inspected the rods and found NO signs of overheating, put the new piston seals in, Refilled with fresh oil, and it runs like a champ.

Looks to me like forged bronze rods can take MUCH more heat abuse than Aluminum alloy. Eh?

Most of AR, Comet, and Giant pumps have forged bronze rods.
I believe Udor does too, a few General have 'em,

Cat does not, ..not the ones I've seen.
the General TS series does not,
and the General TSF series.. are so much more expensive for parts than AR and Comet,
I can't recommend 'em.

Another REAL important topic here is the plungers..
if they don't crack, you don't have to replace 'em..
TS2021's EAT plungers.. add that to almost EVERY repair bill.
I love 'em for reparability, and parts cost are still down there, kinda,
but those thin plungers are way too easy to break.. I can't keep 'em in stock.

Comet and AR and Giant plungers are THICK and BEEFY by comparison,
and I never sell 'em.. they just sit there dusty. Owners have to endure the expense of replacements.

I sell for VALUE.. RELENTLESSLY..
I recommend, based on the above, AR and Comet, Giant, and the 3 plunger Udors.