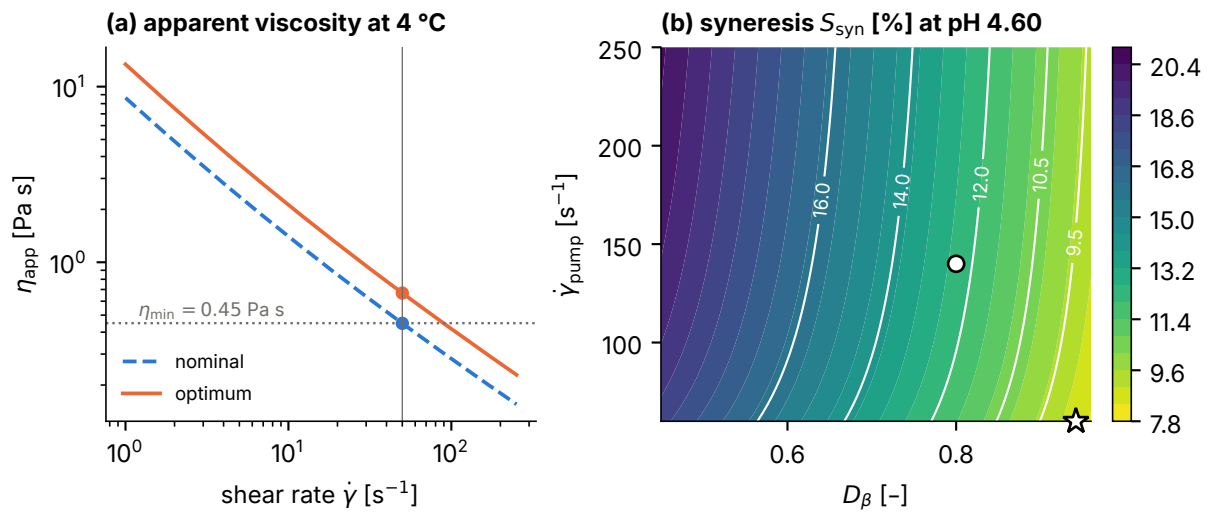

(a) apparent viscosity at 4 °C
η_{app} [Pa s]
10^1
10^0
η_{min} = 0.45 Pa s
nominal
optimum
10^0
10^1
10^2
shear rate $\dot{\gamma}$ [s^{-1}]
(b) syneresis S_{syn} [%] at pH 4.60
$\dot{\gamma}_{pump}$ [s^{-1}]
250
200
150
100
16.0
14.0
12.0
10.5
9.5
0.6
0.8
D_β [-]
20.4
18.6
16.8
15.0
13.2
11.4
9.6
7.8